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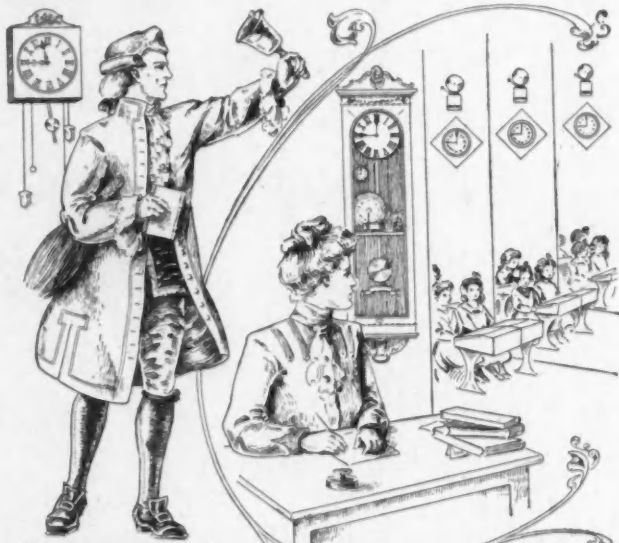
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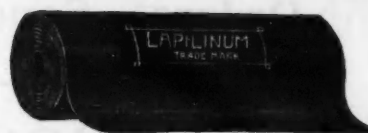


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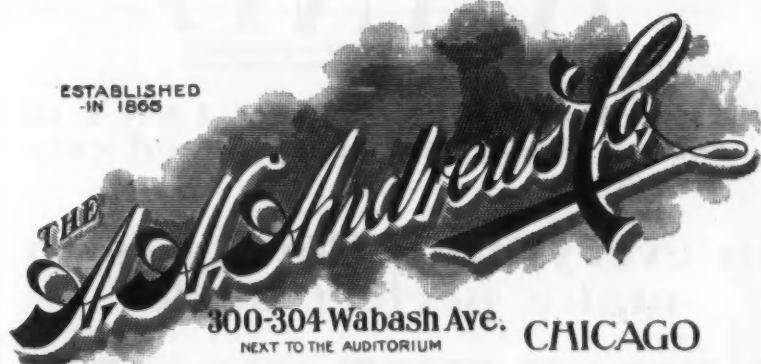
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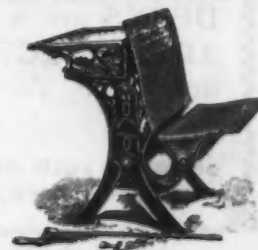
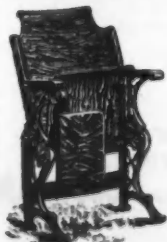
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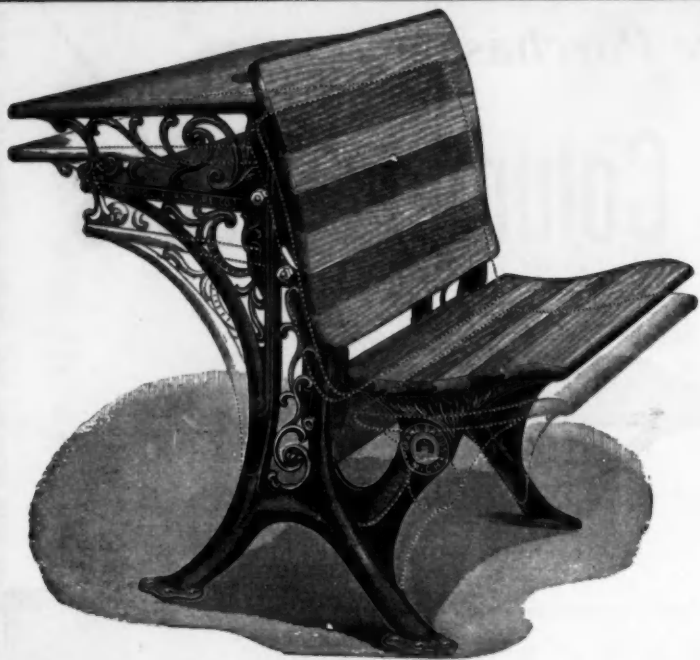
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The Caxton Co..... McConnell School Supply Co.....Phila. L A Murray & Co.....Kilbourn, Wis Haney Sch F Co.....Grand Rapids, Mich Milton-Bradley Co.....Springfield, Mass Nat School Supply Co.....Youngstown, O Sterling Sch Supp Co.....Mt. Sterling, O Phillips School Supply, H..... Williamsport, Pa. B. F. Johnson Pub. Co., Richmond, Va.	<b>CLASS PINS.</b> Bunde & Upmeyer.....Milwaukee, Wis K. Basten Bros.....Rochester, N. Y. J M Olcott & Co.....Chicago & N Y	<b>CLOCKS—PROGRAM.</b> Fred Frick Clock Co. Waynesboro, Pa.	<b>COMMERCIAL STATION-ERY.</b> Peckham, Little & Co.....New York Central Sch Supp H.....Chicago & N Y The Caxton Co.....Chicago E W A Rowles.....Chicago & N Y Standard School Furn Co..... McConnell School Supply Co.....Phila. Phillips School Supply, H..... Williamsport, Pa.	<b>CRAYON.</b> J M Olcott & Co.....Chicago & N Y The A H Andrews Co.....Chicago E G Dann Co.....Chicago American Sch Furn Co..... Cleveland Sch Furn Works..... Grand Rapids Sch Furn Co..... 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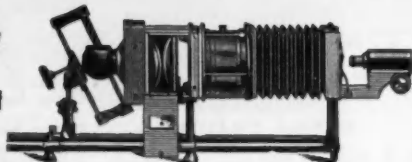
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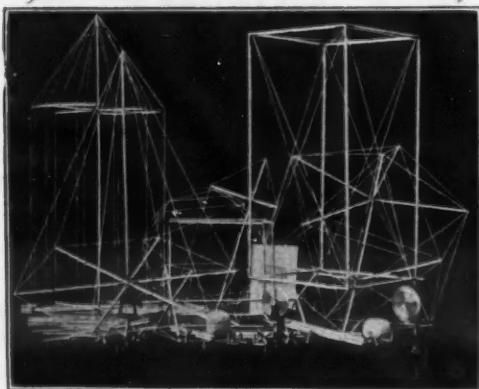


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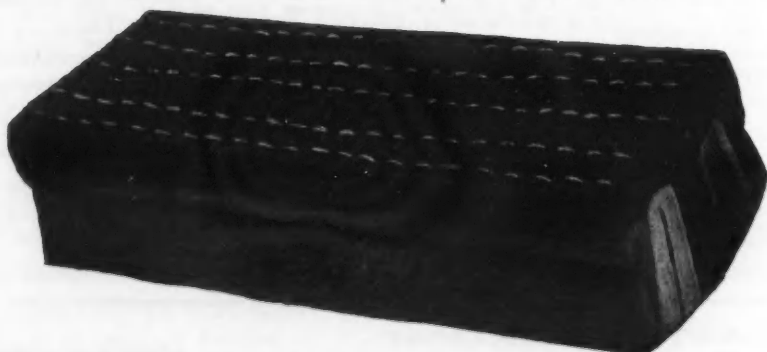
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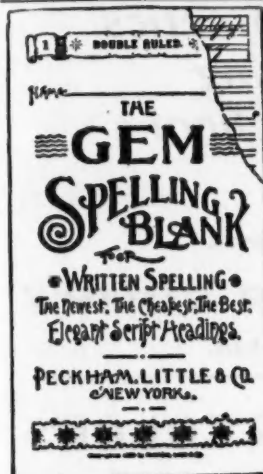
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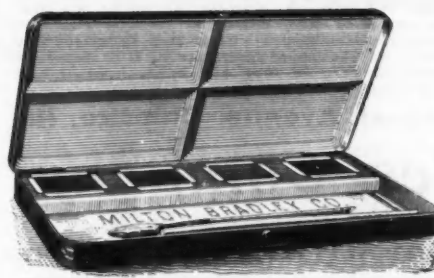
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# School Board Journal

VOL. XXV, No. 2.

NEW YORK—CHICAGO, AUGUST, 1902.

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## HONORS GO TO NEW ENGLAND.

The National Educational Association, at its Minneapolis meeting, conferred the presidency of that organization upon Dr. Charles W. Eliot, President of Harvard University. The meeting for 1903 will be held in Boston, Mass.



Salt Lake City, Utah.—Attorney General Breeden has made a ruling, the substance of which is that school boards have the power to make reasonable rules and regulations respecting discipline, and have the power to enforce the rules.

Chicago, Ill.—The Cook county court has issued a restraining order on the board of education against placing a clause in specifications that contractors must employ union labor. Under a decision of the Supreme court the board was compelled two years ago to take out of specifications a similar clause, holding that the board had no right to discriminate against any laborer because he did not belong to a certain labor organization.

The Supreme court of Minnesota sustained the Ramsey district court, which held that the St. Paul school board had authority to require all pupils to be vaccinated.

Mexico, Mo.—A court decision recently rendered gives teachers the authority to whip pupils whenever it is deemed necessary.

Minneapolis, Minn.—The Supreme court, in a decision by Justice Lewis, holds that the pension system inaugurated by the Minneapolis school board is unconstitutional.

The plan of the board provided that when teachers signed contracts they should agree to pay 1 per cent. of their salaries to a pension fund. The district court held the act of the board illegal and the supreme court sustains the lower court.

While the court declares the plan a worthy one, it says the legislature has not granted the authority which it seems to have power to give.

### Legislation.

David Felmley, president of the Illinois Teachers' Association, proposes the enactment of five new school laws, which he says the various teachers' associations of Illinois have repeatedly indorsed. They are:

1. A law permitting school boards to pay for the transportation of pupils in districts containing more than four square miles. This would make possible the consolidation of the country schools wherever the people wish it.

2. A law providing for a larger state school fund to be distributed substantially as in the state of New York. This would equalize the burden of public education and make it possible for every community to maintain a good school.

3. A law providing for the district ownership of text books wherever the people wished it. This would add greatly to the efficiency of the schools in our larger cities and in all districts containing miners, tenant farmers, railroad men or other migratory population.

4. A law providing for a limited amount of state aid to all districts that will establish and maintain a school library.

5. A law providing for state aid to approve high schools, somewhat as in Minnesota; such system of high schools to provide free instructions for all the youth of the state.

Alabama. A committee on legislation appointed by the Alabama Educational Association proposes to memorialize the legislature in favor of suitable legislation along the following lines:

1. A general law providing for a rational division of the several counties of the state into school districts, and the location of the schools therein.

2. Local taxation of counties, cities, and school districts.

3. The erection and equipment of adequate school buildings throughout the state.

4. Monthly payment of the salaries of public school teachers.

### New Rules and Regulations.

Louisville, Ky.—The system of semi-annual promotions has been inaugurated.

Grand Rapids, Mich.—Fire drills in the schools are insisted upon.

Evansville, Ind.—Married women are barred from teaching.

Topeka, Kan.—The board sometime ago established a regulation against further employing married women as teachers, but at the recent annual election of teachers violated it.

Williamsport, Pa.—Teachers accepting a position in the schools are required to sign a contract to teach the entire year.

Harrisburg, Pa.—No re-examination for admission to the high school is granted pupils except for failure because of sickness, and no pupil known in advance to be physically unable to endure the strain of the examination is permitted to take it until sufficiently recovered.

New York City.—The board contemplates adopting new requirements proposed by the board of superintendents to which considerable opposition exists. The requirements objected to are those which would make it necessary for a teacher to pass an examination in order to show special fitness for taking charge of classes above the fifth grammar grade, and also the rule by which a woman is ineligible after she is forty years old, while the age limit for men is fixed at fifty years. A number of women teachers have written to the board protesting against the so-called discrimination. The superintendents explain, however, that this does not mean that a woman shall be retired when she reaches the age of forty, but merely that she shall be ineligible for promotion. It has been the policy of the board to permit men to teach for a longer period than women.

Brooklyn, N. Y.—The principals are expected to fill out blanks certifying their recommendation of the individual pupils for graduation from their respective schools. There are nine subjects in which the scholar must be rated and under each subject there are from one to seven subdivisions, in each of which the principal must estimate the pupils' attainments. The estimate must be marked either "a" or "b" if satisfactory, and "c" or "d" if unsatisfactory. The ability of the pupil must be marked in one column with a small letter, while in an adjoining column the principal must mark the general estimate in the subject with a capital.

New York City.—The board of health has declared ophthalmia, both acute and chronic, to be a contagious disease. The children afflicted with it have been ordered kept out of school until they are cured.

Essex, Mass.—No married woman is permitted to teach.

Columbus, O.—All entertainments given by any class or society connected with the various high schools must be held in their respective school buildings.

Buffalo, N. Y.—Promotions in the lower grades are held at least twice each year.

Fulton, N. Y.—The board voted down in a most emphatic manner a resolution to abolish corporal punishment.

Fall River, Mass.—If in the judgment of teachers it is necessary and proper for pupils to study out of school hours, they may allow them to carry their books home for that purpose.

Louisville, Ky.—A rule provides that no married woman except those who have husbands unfit for work shall be employed as teachers.



HON. A. L. FONTAINE,  
President School Board, Grand Rapids, Wis.

Worcester, Mass.—The system of coaching backward pupils, briefly stated, is as follows: Assistants to principals and substitute teachers are required to go to various classes in the schools and give individual instruction to the backward pupils. The main object of the system is to keep each class advancing as a whole and prevent the diffident from getting discouraged and dropping out of school.

New York City.—The school board has decided to initiate next year, a departure in the method of instruction in the seventh and eighth grades, and, possibly, a part of the sixth. The plan proposed contemplates the introduction of the high school methods of teaching in the grades. Instead of one teacher instructing the pupils in all the studies of the curriculum, there will be an individual teacher for each of the studies.

Lewiston, Me.—The superintendent has been vested with the authority of selecting the teaching corps.

Florence, Wis.—The board has put a ban on dancing. Hereafter the teachers will not be permitted to attend dances except on nights preceding holidays or Saturdays. This has been made a condition of employment in the contracts. It is claimed that dancing by the teachers has in the past badly interfered with the school work.

Atlanta, Ga.—When a pupil of a graduation class fails in an examination, he may apply for a re-examination, and if successful be graduated with his class.

Corsicana, Tex.—The board has determined that no married white woman shall be eligible to teach in the schools.

Fall River, Mass.—Diplomas are refused to pupils in the high school who have been delinquent in their studies; however, certificates of credit for such work as has been satisfactorily performed are given.



### No Theories.

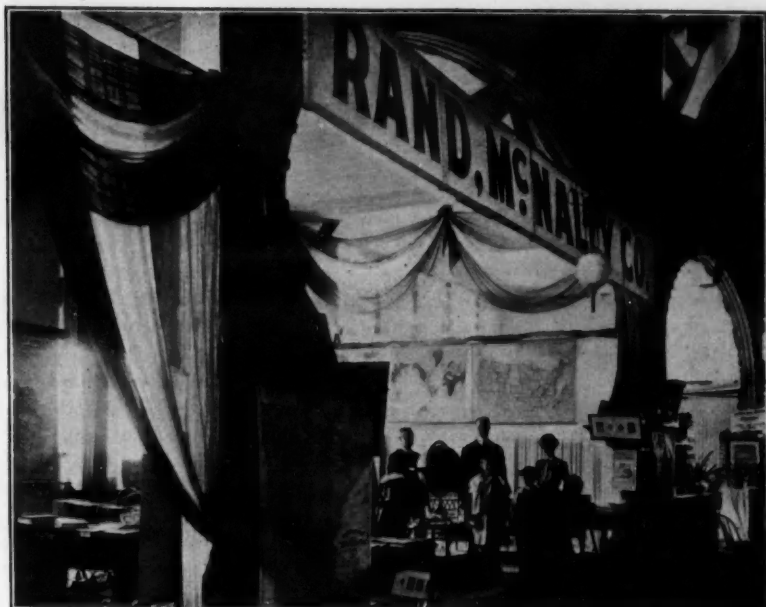
Hatterson—You don't mean to say that you have no theories about the education of children?

Catterson—No. I have too many children.

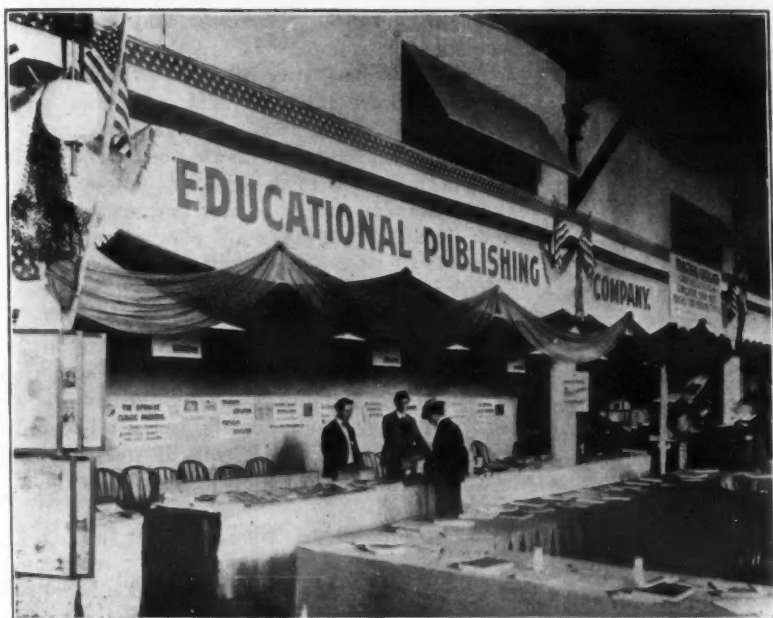




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EDUCATIONAL EXHIBITS AT THE MINNEAPOLIS N. E. A. MEETING.

# School Boards in Convention.

## National Convention of School Boards.

HELD AT MINNEAPOLIS, JULY 10, 1902.

The seventh annual national convention of school boards was attended by a large audience. Court room No. 1 in the new City and County building had been selected. It offered a fine auditorium.

Owing to the inability of several of the speakers to be present the program was reduced to one session.

OFFICIAL MINUTES DEPARTMENT OF SCHOOL ADMINISTRATION.

The meeting was called to order by President Israel H. Peres.

Secretary Bruce moved that inasmuch as the three speakers who were to appear on the following day's program were unable to appear the meeting be closed in one session. Carried.

A nominating committee consisting of C. H. Parsons, Iowa; Dr. J. F. Force, Minnesota and B. F. Hunsicker, Pennsylvania was then appointed.

President Peres then delivered his annual address, after which he introduced Miss Anna Doerfler who read a paper on the "Ideal Teacher."

This was followed by a paper on "Progress in the Consolidation of Rural Schools," by State Superintendent J. W. Olsen.

The Secretary then submitted the report of the Committee on School House Legislation.

After some discussions by L. P. Ludden of Lincoln, Nebraska; C. H. Parsons of Des Moines, Ia.; Harlan P. French, Albany, N. Y. and Dr. E. A. Donelan of St. Joseph, Mo. The following legislature measure was adopted:

### AN ACT.

Providing for the Heating, Lighting and Ventilating of public school houses and fixing penalties for a violation of the provisions thereof.

Section 1. Be it enacted by the people of the State represented in the . . . . . It shall hereafter be unlawful to let any contract for or to construct any public school house, or other building, to be thereafter used for school purposes, the lighting, heating and ventilation of which is not in full accord with the provisions of this act.

Sec. 2. All public school buildings hereafter constructed or remodeled for school purposes, must be lighted by windows placed in one rear or sidewall of each class and study room, and such windows shall contain glass surface of not less than one-fifth of the floor space of each room; and all desks and seats shall be so arranged that the windows will be on the left, or in the rear, so far as possible, of the pupils.

Sec. 3. All class and study rooms shall contain not less than fifteen square feet of floor space, and not less than one hundred and eighty cubic feet of air space for each pupil.

Sec. 4. All public school houses or school buildings of more than three rooms each, which shall hereafter be constructed, or remodeled for school purposes, must be provided with such heating and ventilating apparatus as will facilitate the introduction of warm air, when occasion requires, into each class or study room, not less than eight feet above the floor line, with provision for the exit of impure air at the floor line; and the whole shall be so arranged that the required temperature of seventy degrees can be maintained throughout each room even in the coldest weather, and the air changed in each room (combined average measured at inlet and

exit openings) at least eight times in each hour, without lowering the temperature or creating a noticeable draft at or below the breathing line.

Sec. 5. All closets and urinals must be so constructed as to provide for the absolute seclusion of the pupil using the same. They must also be provided with vent flues, so arranged that all foul odors and air will be carried out below breathing line.

Sec. 6. Any contract for the construction or remodeling of any school building, not in conformity with the requirements of this act, shall be void; and any public school officer or contractor, who shall violate the terms and conditions of this act, by letting or accepting any contract for the construction or remodeling any public school house or school building, not in conformity with this act, shall be deemed guilty of a misdemeanor, and shall be subject to a fine of not less than two hundred dollars, nor more than one thousand dollars for each offense.

The committee on nominations then submitted the following list of officers to serve for the ensuing year:

President—Harlan P. French, Albany, N. Y.

Secretary—Wm. Geo. Bruce, Milwaukee, Wis.

First Vice-President—Dr. J. F. Force, Minneapolis, Minn.

Second Vice-President—Grafton D. Cushing, Boston, Mass.

Third Vice-President—B. F. Hunsicker, Pennsylvania.

Chairman Executive Committee—Israel H. Peres, Memphis, Tenn.

Dr. Donelan of Missouri then submitted the following resolution which was adopted:

*Whereas*, The health of the children in our schools is essential to prosperity and good results, and

*Whereas*, The various contagious diseases including consumption, myopia and nervous prostration from excessive application to studies cannot be detected by either Superintendent of Teachers in a large majority of cases in time to give the necessary relief and arrest the spread of those that are contagious, therefore be it

*Resolved*, That it is the imperative duty of school boards or city boards of health to appoint medical examiners in the interest of the health and lives of children attending the schools.

At this juncture President-elect, French assumed the chair and in a few well chosen words promised his loyal support for the growth and continued usefulness of the department.

Dr. Donelan then submitted the following resolution:

*Whereas*, Many children form habits by spending the small change given to them by parents or friends for articles that are not only injurious to health, but lead to excess and extravagance.

*Whereas*, Economy, frugality and self-restraint leads to thrift in life and but little time, and no expense is required, therefore, be it

*Resolved*, That the penny saving bank should be established in our schools.

On motion of Mr. Peres the resolution was referred to a special committee of three to report next year.

The chair thereupon appointed upon the committee Dr. E. A. Donelan, St. Joseph, Mo., Hon. H. S. Prophet, Lima, O., W. S. Ellis, Anderson, Ind.

President French announced that next year's meeting would be held at Boston.

Adjourned.



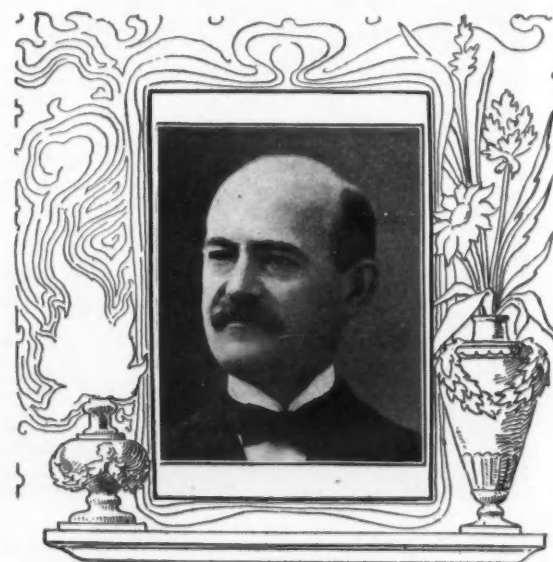
MR. HARLAN P. FRENCH,  
Albany, N. Y.  
President Department of School Administration,  
National Educational Association.

Women are serving on the school boards of Boston, Chicago, Cleveland, Denver, Fall River, Philadelphia, Rochester, San Francisco, Syracuse, Washington, Worcester and many other smaller cities.

Providence has three schools for backward, or feeble-minded, children. The first was established in December, 1896, and was the first school of the kind in America. Now Boston and Philadelphia maintain such schools. These schools have awakened much interest and are often visited. Many other cities are planning the establishment of such schools. In a few years they will doubtless be connected with all large and progressive systems of public schools.

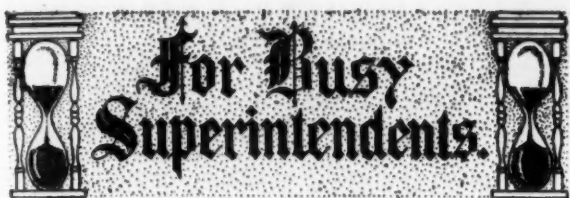
The New York board of education has in its employ fifty-two teachers who give instruction in swimming, at the free public baths, to all boys and girls under sixteen years. The children are taught the best way of rescuing and resuscitating drowning persons, as well as the art of swimming.

The graduates of the grammar and high schools of Chicago this year number ten thousand. Ten years ago it was said that a large per cent. of the children of Chicago left the public schools in the lower grades, and that thousands of children received no more than three years' schooling. But in the last five years there has been an increase attendance in all the higher grades, and with each year an increase number of graduates from grammar schools and the high schools, with a large percentage of the high school graduates entering college.



JOHN WILLIAM PERRIN, Ph.D.,  
Professor of History, Adelbert College of Western  
Reserve University.





**Commercial Studies.**

J. C. Benedict, superintendent, Leroy, N. Y., says: "Commercial education in the high school is only another step toward that ideal system wherein lies the efficiency of a government of the people, by the people, and for the people."

"The ideal high school will never come until those who have the power to regulate its courses of study fully realize the need of the individual, and so arrange its courses that all who seek admission may find a training suited to their different needs and capacities."

"The present courses of study are not the twentieth century courses. They do not meet the requirements of the masses today. The time of class and education have passed, and we are confronted with a new problem—an educational demand which arises from commercial age which we are living, and one which calls for commercial training in the schools."

New Britain, Ct. A new business course has been adopted for the high school. It embodies the following studies: bookkeeping, stenography, typewriting, commercial arithmetic, commercial geography, economics and commercial law.

Aurora, Ill. A commercial course is now offered to the high school students. The course consists of practical bookkeeping, arithmetic and geography.

Altoona, Pa. A commercial course has been incorporated in the high school curriculum.

**Drawing.**

The educational value of drawing and the increasing importance of that art in the industries are reasons enough for its incorporation into the curriculum in every school system in the land.

Elmira, N. Y., Miss Lucy S. Ward, of Rochester, has been chosen as director of drawing.

Chicago public schools still lead in drawing and kindred subjects. Director Herman Hanstein's exhibit at the Charleston exposition was awarded the gold medal. Chicago pupils have also to their credit first prize for liberal arts at Buffalo and Paris.

St. Louis, Mo. Superintendent Seldon favors giving children as much instruction in drawing and art work as is possible.

Quincy, Ill. Drawing is to receive special attention this year.

**Manual Training.**

Superintendent Uline, of Mankato, Minn., in a report to the board of education on manual training states that after a careful study of the subject he is of the opinion that manual training will tend to accomplish the following results:

"First. That the boys from fourteen to sixteen years old will be better satisfied to stay in school.

"Second. That manual training will tend to intensify interest in other school work.

"Third. That it will effectually assist in the intellectual and moral growth of the students who take the work.

"Fourth. That it will not add anything to the school burden of the pupils, but, by developing the pupil's practical side, and furnishing at the same time physical exercise and change of intellectual effort will enable him to master his academic work enough easier to offset the time put upon manual training work.

"Fifth. That it encourages thrift, industry

and love of skilful work, and cultivates respect for the skilled workman.

"Sixth. That it develops love for order, exactness and neatness.

"Seventh. That it trains to perceive, analyze, construct and originate.

"Eighth. That it lengthens the school life of boys whose tastes are not especially intellectual by giving them school work in which they can see tangible benefits.

"Ninth. And last, that it gives the great mass of pupils, children of the poor, who cannot finish the high school, a mental and manual equipment for life's work which other schools cannot give.

Pittsburg, Pa. The board of directors of the Humbolt school, Twenty-sixth ward, has decided to establish a domestic science department in connection with the regular course of study. Sewing and other domestic arts, including cooking, will be taught. The equipment will entail a cost of about \$600.

State Superintendent Delos Fall, of Michigan: Manual training ought and must be introduced into every school.

Mankato, Minn. Manual training has been added to the curriculum of the high school. The course is as follows: First year, first semester—Joinery, mechanical drawing, free-hand drawing.

Second semester—Turning, mechanical drawing, free-hand drawing.

Second year, first semester—Carving mechanical drawing, free-hand drawing.

Second semester—Cabinet making, mechanical drawing.

Third year, first semester—Pattern making, mechanical drawing.

Second semester—Forge work, mechanical drawing.

Fourth year, first semester—Machine shop, mechanical drawing.

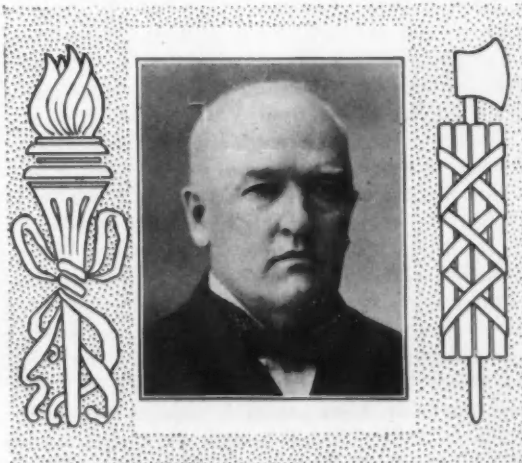
Second semester—Machine shop, mechanical drawing, free-hand drawing.

Racine, Wis. Manual training is to be established in all the ward schools. Each school is to be provided with a room for sloyd, all the pupils in the first, second and third grades to have card board sloyd and other hand work in connection with drawing; girls from the fourth to the eighth grade inclusive to be taught sewing; boys from fourth to eighth grade to receive instruction in sloyd, all of this to be done under a competent supervisor, who shall also have charge of the freehand drawing in all grades.

Jacksonville, Ill. The board is considering establishing domestic science as a branch of study in the high school.

Aurora, Ill. Manual training is to be taught the boys and girls are to be instructed in domestic science.

Marinette, Wis. The board is preparing to inaugurate a manual training department.



E. E. HUDSON,  
President Board of Education,  
Yankton, S. D.

**Music.**

Joplin, Mo. A teacher of music has been employed.

Fremont, Neb. Provision has been made for the incorporation of music in the curriculum.

El Paso, Tex. A special music instructor is employed.

Aurora, Ill. Music is to receive more attention than in the past.

Martinsburg, W. Va. Music is one of the established branches of study in the curriculum of the schools.

**Physical Culture.**

Pittsburg, Pa. It has been recommended that the office of director of physical culture be created.

Utica, N. Y. Supt. Griffith has again recommended the introduction of physical culture in the schools.

Akron, O. The position of teacher of physical culture has been created.

El Paso, Tex. Several members of the board have expressed themselves favorable to the establishment of a department of physical culture.

Harrisburg, Pa. It has been determined to introduce physical culture in the high school curriculum and for that purpose to equip a gymnasium.

A Bostonian, who thinks he knows, says that "physical culture" in the public schools is an unmitigated fad and ought to be completely eliminated.

**Writing.**

An Ohio school board member is opposed to special teachers of writing. He believes that as every teacher is supposed to pass a satisfactory examination in penmanship before receiving a certificate, the regular corps of teachers should be able to teach it, without extra help.

Salt Lake City, Utah. The special committee of teachers appointed by Superintendent Christensen to investigate the merits of various writing systems recommended the retention of the vertical system.

**Languages.**

Houston, Tex. Proposition to drop the study of German in the elementary schools met with defeat. Some members of the board thought that by confining the study to the high school course would be giving it sufficient recognition.

Superintendent W. W. Barnett contended that the study was a most important one and argued that to understand our own language well one must study some other language, and he believed that German offers manifold advantages. It called forth the best efforts of the pupils and they entered upon the work with enthusiasm, and when they have obtained a proficiency in reading and writing the language a vast and rich field of literature was opened up to them.

Secretary Tracy seconded what the superintendent had said, and further remarked that the study of German was a source of continued delight and profit. He was a student of the language himself.

Ann Arbor, Mich. A movement is on foot among some of the instructors of the University of Michigan to abolish the studies of Greek and Latin from the high schools.

Wichita, Kan. French added to the list of elective studies in the high school.

W. H. Elson of Grand Rapids, Mich., has just recovered from a severe illness.

The Lansing (Mich.) School Board elected W. D. Sterling of Howell as superintendent.

Supt. D. McKenzie, of Muskegon, Mich., has had his salary fixed at \$3,500. This is an increase of \$1,000.

Prof. Joseph Swain of the Indiana State University has been elected President of Swarthmore College.



### Progress in Consolidation of Rural Schools.

READ BEFORE THE DEPARTMENT OF SCHOOL ADMINISTRATION, BY HON. J. W. OLSEN, STATE SUPERINTENDENT OF PUBLIC INSTRUCTION OF MINNESOTA.

The most important educational problem before America today is the Rural School Problem. The general upward trend of our State University work, the Public secondary schools in our cities articulating therewith, and the great work in our cities and towns in turn articulating with our secondary schools, in becoming definitely fixed and established. Great progress has been made in University work and city school work during the last quarter of a century, and while great progress has been made in building country school houses, in furnishing libraries, text books, suitable apparatus and better trained teachers, rural school advancement has not kept pace with the wonderful progress in our city schools and state universities. This is due to the natural ultra-conservation of our rural population, to the abandonment for the city and the west of farms in the eastern states, and to conditions inherent in the isolated one-room school house itself, where organization and graduation is almost impossible, where no nepotism and personal favoritism on the part of local school trustees too often prevent efficient and continued effort by the teacher; where the environment is too narrow to broaden the intellectual horizon of the pupil by active rivalry and keen intellectual competition with others in his class.

We have already reached the stage where the advocate of consolidation no longer occupies debatable ground in a body of school men. It is conceded by State and County Superintendents and other administrative school officers everywhere that the most rational solution of the country school problem lies in combining the small, isolated school units into larger ones and transporting the pupils to and from schools at public expense.

In response to inquiries and from examination of state superintendent's reports I find that twenty-six superintendents are in favor of transportation of pupils, while no state superintendent expresses himself as opposed to the plan where normal conditions prevail, and from some I have no expression of opinion. Among ourselves as educators we agreed with practical unanimity that it will secure better teachers, insure better classification, stimulate intellectual competition, severer effort, greater interest and enthusiasm among pupils; increase attendance, insure punctuality, provide better apparatus, text books and libraries; provide longer and more regular terms of school; guard the health of the children; keep the older children longer in school and at home under parental care; educate toward the farm and farm life, and discourage the tendency to drift into centers of population; provide better heated, lighted, and ventilated school rooms, promote the growth of reading circles, lyceums and other literary and culture movements among the adult farm population; and all this, as a rule, at no additional cost after the first expense of providing the proper school room be met.

By returning to the Report of the United States Commissioner of Education for 1894-95, we learn that Massachusetts, New Hampshire, Vermont and Connecticut had made definite legal provision regarding the transportation of children to school. By 1896, New York, Maine, New Jersey and Nebraska were added to the list, while Ohio had a few consolidated districts transporting under a special act. In the year 1900, State Supt. L. D. Harvey, of Wisconsin, issued a bulletin showing that the following eighteen states have laws allowing the transpor-

tation of pupils at public expense, although at that time only thirteen were availing themselves of the privilege. These eighteen states are:

Connecticut, Nebraska, Rhode Island, Kansas, North Dakota, Massachusetts, Pennsylvania, Iowa, New York, Wisconsin, Ohio, Indiana, New Jersey, Vermont, Florida, New Hampshire, South Dakota, Maine.

To this list must now be added Washington and Minnesota, while in Michigan and some other states pupils are being transported either by implied powers without legislation directly authorizing it, or by sufferance.

In addition to the above, Illinois, Missouri and Virginia authorize by law and have township high schools, Tennessee has consolidated schools, and California authorizes and has what are known as union high schools in the country.

As other states report only biennially and others do not gather statistics in regard to transportation it is impossible to present complete comparative statistics showing progress in consolidation except irregularly from a few states, which probably illustrate the general tendency in favor of the movement. In 1899 and 1900, New Jersey expended nothing for transportation. In 1900 and 1901 she expended \$4,420.62. Ohio reports thirty-three districts transporting last year. The amount expended for transportation in Massachusetts increased from \$3,648.00 in 1890-91 to \$75,803.00 in 1894-95 and to \$141,754.00 in 1899-1900; in Vermont from \$11,122.00 in 1893-94 to \$26,492.00 in 1899-1900.

In 1893 free transportation of pupils was authorized in Connecticut. In 1900-01 the number of schools closed was eighty-four, pupils transported 849, cost about \$9,817.00.

In Vermont free transportation is growing in favor, as attested by the fact that the state expended for this purpose \$11,118.00 in 1893-94 and \$26,492.00 in 1899-1900. During the latter year 736 schools were closed and 2909 pupils transported.

New York has a system of contracts whereby one district may contract with another for the education of its pupils and still draw the district quota of public money. Connected therewith is a provision of law permitting the district contracting to transport their pupils to the district contracted with. The first contract law was passed in 1896, during the next year twenty-seven districts took advantage of the law and contracted with adjoining districts. The number taking advantage of the contract system has increased from that time until the present year when about 300 contracts have been filed.

Transportation was first tried in Iowa in 1896 in two districts. This year pupils are transported in about fifty districts.

In Indiana, transportation was first undertaken ten years ago. Last year 2,339 pupils were transported over 164 routes in 50 different counties.

From South Dakota Superintendent Collins reports that perhaps in one-fifth of the districts some transportation is paid. Since reports were issued transportation has been operated in a half-dozen Mississippi Valley States.

Progress has been made in providing township high schools in a number of states, and where the township is not a feasible school unit such units as seen feasible have been carved out into high school districts. Ten states report township high schools or their equivalents to the number of 1,319, Indiana leading with 491. Statistics from six of these states show an enrollment in this class of schools of 39,404, the largest being 13,183 in the state of Maine. The first township high school is reported from Illinois in 1867. These figures show that township high schools have grown in favor very rapidly.

All these figures encourage the view that the

contest we are engaged in in favor of better schools through consolidation is more than half won. The greatest difficulty is overcome when the first half dozen well managed consolidated schools in a state have demonstrated beyond serious controversy the success of the plan. How rapidly this plan will progress in the future depends upon a number of things.

First—The general intelligence and public school spirit of the people.

Second—Upon the topography of the country; whether or not the roads are in good condition during the most of the school year; whether the territory is well adapted to large units, or aggregated into smaller ones by hills, creeks, lakes or other natural barriers.

Third—Whether legislation makes it easy and natural or artificial and difficult.

Fourth—Consolidation will also depend in a large measure upon the prevailing system of school government and organization.

People are not inclined to employ a unit of government that is not a governmental unit for other purposes also. In New England and states following the New England plan wide powers in general government are delegated to the town or township, carrying with it township control of schools under a township board. The step from a number of separate schools in a township under control of one board, to a central graded school where pupils are transported, is short, easy and logical. Upon this point the report of the Committee of Twelve well says, "In the northern states the cause of school consolidation depends intimately upon the adoption of the township unit system. A certain amount of consolidation can be effected by the abolition of small districts. It may be possible also for several districts to merge their schools into one for the time at least and still preserve their independence, but it is manifest that the first plan will not prove effectual and that the second one will be infrequent and precarious."

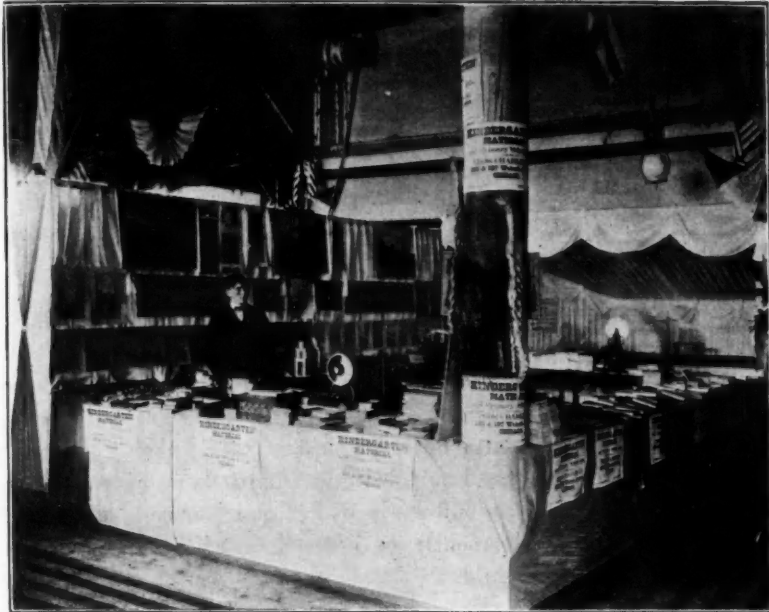
Where the County is more largely the unit of school and general government, as in some of our southern states, and where central county authority is vested with wide discretionary powers in locating schoolhouses and defining school district boundaries; to which the entire situation presents itself in more accurate perspective by being removed from the narrow view too often taken by selfish interests in a small neighborhood, progress in consolidation may be expected unless prevented by topographical conditions or lack of school interest.

The greatest difficulties are met in states like the one I have the honor to represent, Minnesota, where the township is hardly a unit of government for any purpose whatever except to lay out and keep in repair a local highway; where assessments are reviewed by a county Board of Equalization; where taxes are "run" by a county auditor and collected by a county treasurer; where legal business nearly all centers in the county seat; where township and school district boundaries are rarely coincident and where each little school district is a unit in itself, having three officers with almost sole control of its tax levy and school management and where the county exercises no control of school affairs, except to the county superintendent, whose powers are limited almost entirely to advice, personal influence and collecting statistics for the Department of Public Instruction.

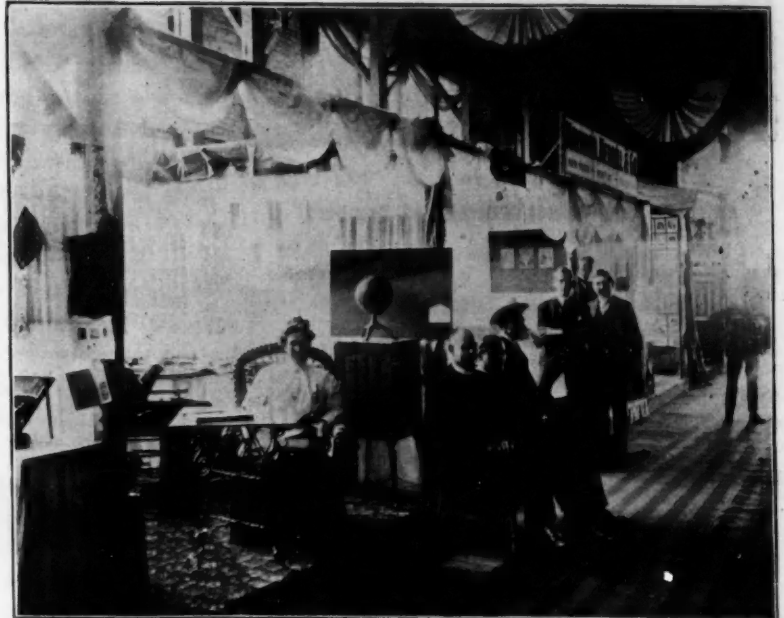
Where people have been educated away from the township system and the larger school for a half century or more, under such a system of overburdened democracy it is not surprising that the introduction of the consolidated school is steadily resisted.

(Continued on subsequent Pages.)





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EDUCATIONAL EXHIBITS AT THE MINNEAPOLIS N. E. A. MEETING.



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### THE MINNEAPOLIS MEETING.

The meeting of the National Educational Association was all that its most ardent members could desire. It was a complete success. The program was excellent and the meetings were well attended. Everybody was there and everybody came away with feelings of gratitude for the great educators, who furnished the intellectual treats and with a high sense of appreciation for the city of Minneapolis and its enterprising and hospitable people.

Chairman Nye and Superintendent Jordan covered themselves with glory. The arrangements had been wisely planned and every detail was carefully looked after.

The attendance reached the ten thousand mark, the North-Central states furnishing the greatest membership. The state, outside of Minnesota, furnishing the largest membership, was Wisconsin. Oregon was a disappointment.

The weather was delightful, the hotel accommodations were up to the usual standard, and the meeting hall facilities were ample.

A regrettable circumstance was the illness of President Beardshear. His labors attendant upon the preparations for the meeting had been so arduous as to prostrate him upon his arrival at Minneapolis. He was confined to a hospital during the entire week.

His place was filled in quite an acceptable manner by Supt. Wales C. Martindale of Detroit, who was the first vice president of the association.

A hearty welcome came from State Supt. J. W. Olsen, City Supt. C. M. Jordan and President Cyrus Northrup of the University of Minnesota.

The responses were made by Supt. James A. Foshay of California, Supt. Theodore B. Noss of Pennsylvania and President Joseph Swain, formerly of Indiana and now of Pennsylvania.

The selection of a president for the association formed an interesting topic for the hotel lobby. The impression prevailed in many quarters that Supt. James A. Foshay of Los Angeles, Cal., was the logical successor to President Beardshear. He is a faithful and valuable member of the association, and the manner in which he entertained the association at Los Angeles entitled him to high distinction.

When it became noised about, however, that

Boston would be selected for next year's meeting, there came also the suggestion that President Charles W. Eliot of Harvard University be made the president of the National Educational Association.

Editor Winship argued that such a step would arouse the enthusiasm of the New Englanders and add success to the Boston meeting. The result was that Supt. Foshay received only eleven votes at the meeting of the nominating committee, while Dr. Eliot received twenty-seven votes.

Dr. Eliot was then made president of the association and Boston was selected for next year's meeting.

The program met every expectation. Dr. Nicholas Murray Butler was, as he always is, suggestive, fearless and forcible. His lecture was decidedly a feature of the meeting. The somewhat imperious manner of the man is readily overlooked when the brilliancy of his mind and his splendid personality is brought into play.

Dr. Wm. T. Harris was once more at his best. He was the clear, logical and powerful Harris of old.

Edwin A. Alderman, the Southern schoolmaster, once more gave evidence of a splendid power in dealing with educational problems and of his fine oratorical gifts. He was pressed into service at the eleventh hour to take the place of an absentee and acquitted himself in a most creditable manner.

We stated at the beginning of this article that everybody was there. It should have been stated that there were some absentees. While familiar figures like Dr. Wm. T. Harris, Dr. Nicholas Murray Butler, Aaron Gove, E. Oram Lyte, J. M. Greenwood, Newton C. Dougherty, Augustus S. Downing, Carroll G. Pearce, Charles B. Gilbert, L. C. Greenlee, James A. Foshay, Alfred Bayliss, Frank B. Cooper, Albert G. Lane, Edward R. Shaw, John S. Locke, A. E. Winship, Z. X. Snyder and others were in evidence, there were some notable absentees.

Among these were F. Louis Soldan, L. D. Harvey, J. H. Phillips, Wm. H. Maxwell, James M. Green, Warren Easton, Andrew S. Draper, A. B. Blodgett, Clarence F. Carroll and Gustavus R. Glenn.

Among those who were present were also men who do not frequent these gatherings with any degree of regularity, but whose names are quite familiar to the educational workers. Dr. Wm. R. Harper, President J. G. Schurman, Archbishop Ireland, Inspector James L. Hughes of Toronto, John Dewey and Alexander Graham Bell were among these.

The educational exhibits were located in the Exposition building, where the general sessions were held. The exhibitors were numerous and the exhibits were varied and interesting. Mr. Marchbank, who was in charge of the exhibits, managed them in an acceptable manner.

The educational and social atmosphere of the Great Northwest proved an inspiration to the worker of the East and the South. There was an eagerness to learn, a frankness in asking and answering questions, a cheerfulness as

well as a mental and physical vigor that was not without its charm and value.

"The contact with the school people of the Northwest," said Dr. Edward R. Shaw of New York, "has been an inspiration to me. Their readiness to accept the best and to discard the inferiors, their good taste and simplicity, their strength and progressive spirit has had an uplifting effect upon us."

### VACATION SCHOOLS.

The vacation school is one of the most important of the philanthropies lately begun in large cities to meet certain social needs. Like the kindergarten, it must be numbered among the influences which tend to benefit society permanently by developing what is best in the child.

For a great number of city children the vacation school is almost the most welcome and attractive feature of the vacation term. With its pleasant lessons, its amusements and the occasional outings which it affords it holds the interest of children where the ordinary school curriculum simply bores them. There are few boys or girls who cannot find in a well-conducted vacation school something to absorb their attention completely.

In Chicago, during the forepart of last month, the success or the popularity of the vacation schools was clearly demonstrated. Five thousand children clamored for seats in the six vacation schools which were opened. There were accommodations for only three thousand pupils, and the philanthropic persons who opened their purses to pay the expenses of the movement were gratified. Superintendent Cooley, of Chicago, is firmly convinced that vacation schools should be made a part of the regular city school system. He believes the city should support twenty five or thirty schools of this character, and insists that experience gained therein would prove a great benefit to the teachers employed in the regular elementary and graded schools. He says: "It has always seemed to me that in the poorer districts our schools should be run the year round with short vacations between terms. Where people are so situated that their children can go into the country or to the seashore nine or ten months' schooling is perhaps enough, but in the crowded districts and poorer sections of the city the schools should be open throughout the year."

The vacation school will, in the near future, be a fixed institution in all cities. When it is considered that for many children the city affords, practically, little or no opportunity for reasonable and healthful amusement, it is not surprising that wherever the vacation schools have been established the public demands their continuance and supports them by free contributions.

In the populated districts of cities the children of school age find time dragging heavily during the summer months. They must amuse themselves as best they can in their only playground—the public street. To such children



HOW THE MINNEAPOLIS CARTOONIST VIEWED THE N. E. A. MEETING.



Minneapolis Schoolboy: I see no reason why I should not be considered the smartest thing in town for a week.



The Oldest Resident: My! but I wish I were a boy once more!



After learning that 20,000 teachers were in town the boy took to the woods.

the vacation school is a great blessing and they flock to it to taste of its delights.

The vacation school does not demand application to books. Art and manual training seem to be its specialties. The advantage of the school are twofold, one for the children and the other for the teachers. The children pass pleasant and instructive hours. The teachers have an opportunity to try methods which are impossible for them to introduce into the regular schools.

The school life of the ordinary child is not so long but that every addition, especially when the lessons to be learned deal with interesting things and are treated in an interesting way, is to be welcomed.

Asheville, N. C., made an attempt to secure next year's meeting of the National Educational Association. A quantity of rubber plant leaves, bearing in gold letters the words "Asheville, 1903," were distributed.

Portland, Oregon, wants the N. E. A. meeting for 1904. Salt Lake City will also come in as a bidder for the meeting. St. Louis is planning an international educational congress for the same year as an adjunct to the World's Fair.

Among Superintendents.

New York State Superintendent Charles R. Skinner, has announced that he is prepared to award prizes of flags and money to those schools that can show the best kept school grounds during the present year.

Elizabeth, N. J. Superintendent William J. Shearer: "All much admit that teachers vary greatly in knowledge, power, skill and many other factors affecting their efficiency. And so also do the children of every grade differ widely in age, in acquirements, in aptitude, in physical endurance, in power of attention, in home advantages, in the rate of mental development, in the time of entering school, in regularity of attendance, and in many other ways, affecting their progress. Yet, because of the manner of grading and promoting, the graded school of today tends to keep all the children of each grade in intellectual lock-step not only month after month, but year after year, for their whole school lives. Since children are not alike, why put them in educational mills and attempt to grind them out alike, crushing out their individuality? Who can give any good reason why we should labor to produce uniformity to taste, uniformity of character, uniformity of ability, or uniformity of aspirations? Is not individuality of more importance than evenness of classification? Is not individuality the divinity of the child? Should it not be watched for and discovered, that it may be carefully studied, and when along proper lines, lovingly guarded and prayerfully developed? Does not biography teach us that those

only have become distinguished who have developed a love for work on particular lines?"

Dr. Thomas Balliet, superintendent of Springfield, Mass., has received inducements to consent to take a place on the board of school supervisors in Boston, but it is said he has refused. Dr. Balliet is one of the foremost men in educational work in New England, or, we may say, in the country. He has been fifteen years in Springfield and has done a great work there.

Hon. W. N. Sheats, Florida's state superintendent, declared before the Southern Educational Association at Chattanooga that "if half or two-thirds of our school boards were made up of women, the schools system of the south would soon be well nigh perfect." He also favored women for the position of school superintendents, saying that wherever they had been employed as such the schools over which they presided had been eminently successful.

Superintendent Marks, of Louisville, Ky., has made an interesting tabulation of the practice in the large cities of the country concerning home study. Twenty-two cities report that there are no restrictions as to grade in which home study is required. Three cities report that home study may be required above the second grade, six above the third, fifteen above the sixth, one above the seventh and one above the eighth.

Fall River, Mass. Superintendent William C. Bates is of the opinion that home study should not be systematically required below the seventh grade.



Pres. W. R. Harper.

Dr. Cyrus Northrop.

State Supt. J. W. Olsen.

Sec'y Shepard.

Alex Graham Bell.

Supt. C. M. Jordan.

AS SEEN THROUGH THE EYES OF THE MINNEAPOLIS CARTOONIST.

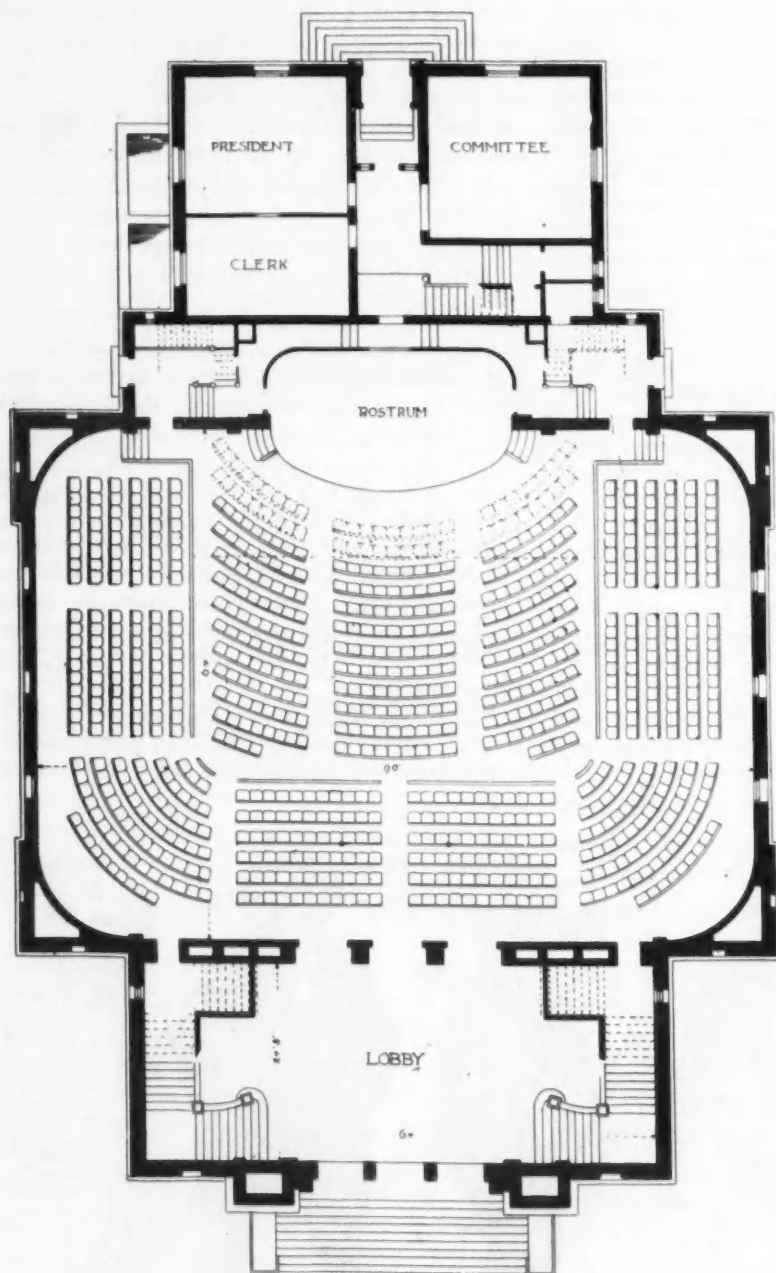


SIDE ELEVATION, NEW HIGH SCHOOL, SANFORD, FLA.

Materials of outside construction Georgia brick, granite trimmings and galvanized iron. See floor plans, etc., on this page.



+ FRONT ELEVATION.

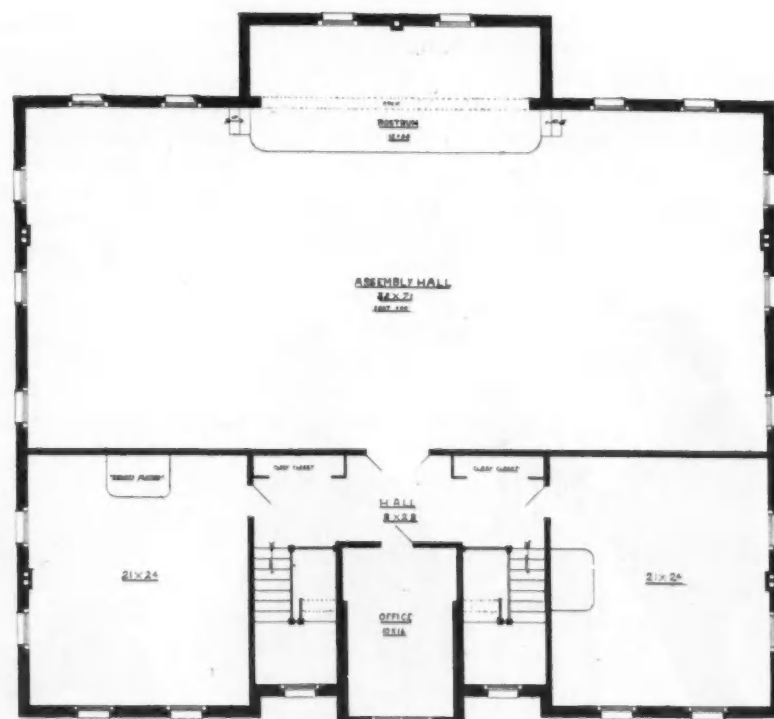


FLOOR PLAN, NEW ELIZA FOWLER HALL, PURDUE UNIVERSITY, LA FAYETTE, IND.

Dimensions 144x96 feet. Lobby and stairways leading to balcony finished in white marble and ornamental iron work. Dimensions of auditorium 90x65 feet. Seating capacity: Main floor 900, balcony 500, total 1,400 persons. Cost \$40,000. (Perspective of this building was published in the July number.)



+ FIRST FLOOR PLAN.



+ SECOND FLOOR PLAN.

FLOOR PLANS AND ELEVATION OF THE NEW HIGH SCHOOL, SANFORD, FLA.

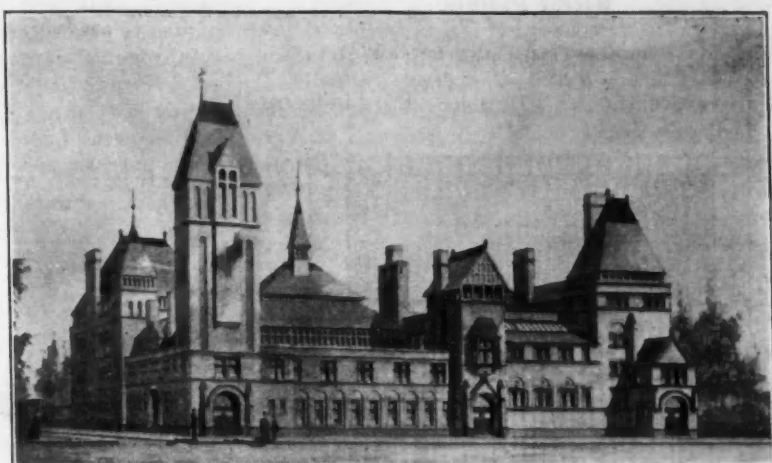
W. B. Talley, Architect, Lakeland, Fla.

Dimensions 80x80 feet. All floors deadened. Assembly room fitted with rolling partition, so that one end can be cut off for use as a class room. Cost of construction \$10,225.

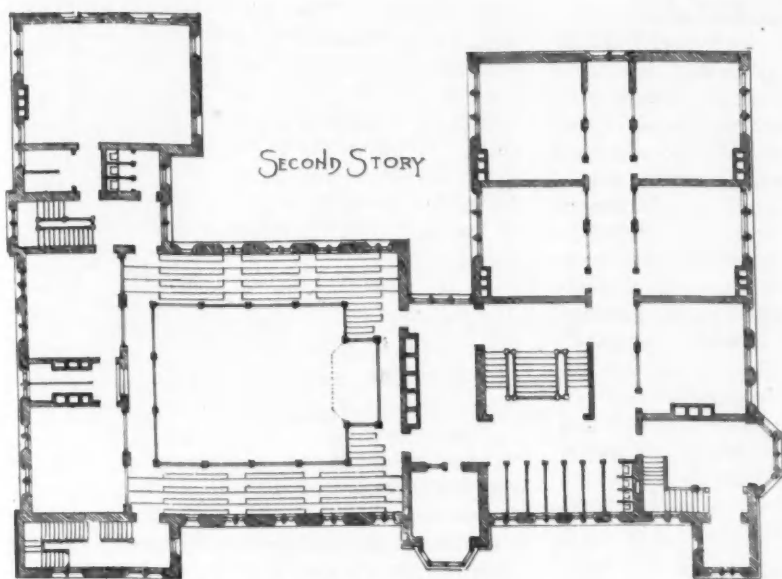




HIGH SCHOOL, MARION, OHIO.  
Yost & Packard, Architects, Columbus, Ohio.  
Fitted with Cabot's Deafening Quilt, manufactured by Samuel Cabot, Boston, Mass.



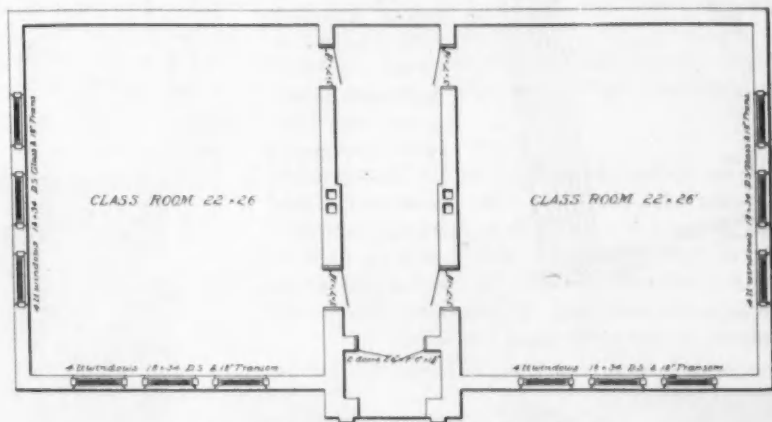
MODEL HIGH SCHOOL DESIGN.  
C. A. Dunham, Architect, Burlington, Ia.



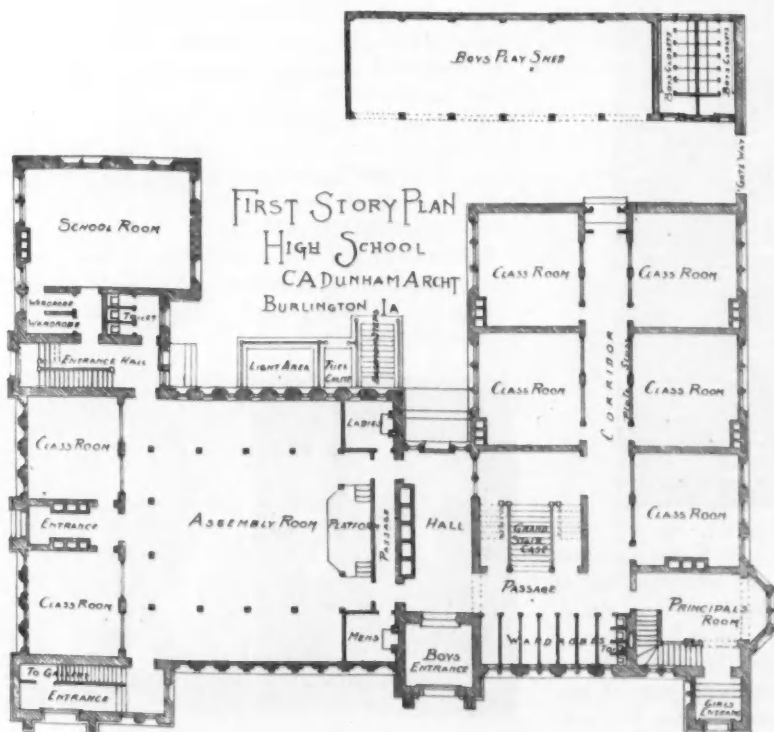
SECOND FLOOR PLAN.



FRONT ELEVATION, NEW SCHOOL HOUSE, BOX ELDER COUNTY, UTAH.  
2 Rooms. Andrew Funk, Architect, Brigham, Utah. Cost \$2,389.



FLOOR PLAN.—(See Elevation above.)



FIRST FLOOR PLAN, MODEL HIGH SCHOOL DESIGN.  
C. A. Dunham, Architect, Burlington, Ia.  
(See Perspective at top of this page.)

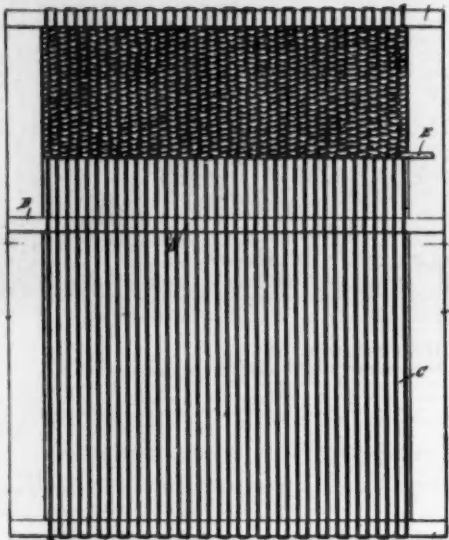


WASHINGTON IRVING SCHOOL, TARRYTOWN, N. Y.  
A. J. Manning, Architect, New York, N. Y.  
Fitted with Cabot's Deafening Quilt, manufactured by Samuel Cabot, Boston.

## Recent Patents.

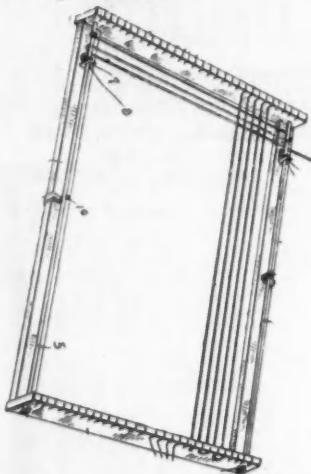
ON SCHOOL SUPPLIES AND EQUIPMENT,

KINDERGARTEN-LOOM. Beatrice E. Lindberg, Faribault, Minn.



A school-loom having a frame provided with means for supporting the warp, and a lay manually slidable on the sides of the loom-frame and having spaced slots for the passage of the warp-threads, to hold the latter properly spaced apart, the said lay having shoulders for engaging the top and inner sides of the side bars of the loom-frame, the lay extending farther above the top faces of the side bars of the loom-frame than the ends thereof, as set forth.

KINDERGARTEN-LOOM. Jonathan E. Painter, Minneapolis, Minn.



the adjacent end piece to permit the convenient removal of the work from the wires.

ADJUSTABLE SEAT AND DESK. James W. Johnston, Chicago, Ill.

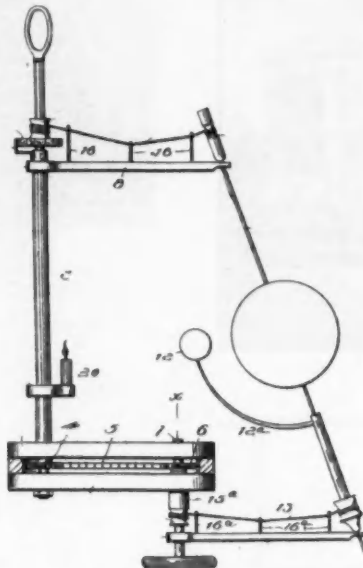
The combination with a seat and a desk, of supporting brackets having bearing surfaces



constructed with a vertical angle of about sixty degrees, the bearing surfaces of each of said brackets having a tongue and grooves, and having an aperture passing transversely through each of said tongues and bearing surfaces, and a base constructed to stand upon and to be affixed to the floor, and having bearing surfaces forming a vertical angle of about sixty degrees, said bearing surfaces in the said base having each a vertical slot extending from the foot to the head of said base, the said bearing surfaces and slots being adapted to receive and fit the tongues and grooves of the said brackets, so as to allow of the vertical and horizontal adjustment of the said

brackets, desk and seat, and a bolt and nut adapted to pass through the said slots in the base and through the transverse aperture in the bearing surfaces of said brackets for the purpose of holding each of said brackets in the position desired on each of said bases, substantially as and for the purposes specified.

TELLURIAN. James A. B. Lovett, Blountsville, Ala.



The combination of a stationary spindle or rod having a fixed pulley or spool, a rotary shaft concentric to said spindle and bearing an illuminant, a second shaft geared to the aforesaid shaft, arms fixed to said shafts, a pulley having its support arranged concentric to said second shaft, a globe-bearing shaft or axis carried by said arms arranged at an angle corresponding to that of the earth's axis and having a fixed pulley or spool, a cord or line wound or coiled around the pulley or spool of said globe-bearing shaft and connected to the pulley or spool of said stationary spindle, a second globe-bearing shaft arranged concentric to the aforesaid globe-bearing shaft, and a line or cord coiled around the pulley or spool of second globe-bearing shaft and connected to the pulley or spool arranged concentrically to said second shaft.

DEVICE FOR TEACHING ARITHMETIC. Jose J. Terrazas, Mexico City, Mexico.

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# Teachers' Salaries.

Chicago, Ill. Heretofore the salaries of the teachers were increased entirely on the bases of length of service. The maximum under this plan for primary teachers was \$800, for grammar teachers \$825, and for head assistants \$900. Under a new schedule, while these figures are not changed, a further maximum is provided ranging from \$75 to \$100 above these for teachers who show progress in their work. The test of this progress is to be the markings on the school work by the superintendent, supplemented by an annual examination of all teachers who desire to take advantage of it. To give teachers an opportunity to prepare for these examinations without cost to themselves a system of normal school centers will be established throughout the city. Under this plan the work of the entire year, as well as the annual examination, is to be used as a basis for promotion.

Baltimore, Md. It has been ordered that in elementary schools of ten rooms or less, vice-principals are to be paid \$900 a year; in twelve room schools \$1,000; in fourteen room schools, \$1,100; in sixteen room schools, \$1,200.

Buffalo, N. Y. Ald. John Martin, in a debate, on the question of raising the salaries of the teachers said: "I don't favor any increase in salary to put a tail on a lady's dress so that she can sweep the streets of Buffalo on her way to a cup of tea and a Boston pretzel."

Albert G. Lane, district superintendent of schools, Chicago: "Effective administration of a school system can be most easily secured when the teacher can work with the certainty of a compensation on a fixed scale, without radical and violent fluctuations; when the general principles of civil service prevail and teachers are retained during efficient service and good behavior. To secure these results in the larger cities the statutes relating to the raising of taxes for the teachers' salary fund should provide for an adequate and definite amount."

McKeesport, Pa. The salary paid the superintendent is \$2,100 a year.

State Commissioner Glem, of Georgia, takes the advanced stand that, "we can't secure capable teachers for the masses of the poor unless we secure better pay for them, and prompt pay. Teachers can't live on air, nor can they live on

promises to pay, even when those promises are made by the State. The average pay of the teachers among the poorer classes in the country last year was \$122.98. The day has passed when just anybody should be employed to teach a child."

Salaries of Superintendents. Denver, \$6,000; Flushing, N. Y., \$5,000; Yonkers, N. Y., \$5,000; Rochester, N. Y., \$5,000; Newark, \$4,500; Jersey City, \$4,500; Detroit, \$4,000; Indianapolis, \$4,300; Minneapolis, \$4,250; Brookline, Mass., \$4,000; Springfield, Mass., \$4,000; Worcester, \$4,000; Mont Clair, N. J., \$4,000; Toledo, \$4,000; Providence, \$4,000; Milwaukee, \$4,000; New Haven, \$3,800; Newton, Mass., \$3,600; Duluth, \$3,600; Butte, Mont., \$3,600; Syracuse, \$3,600; Salt Lake City, \$3,600; Seattle, \$3,600.

The various states have the following number of city superintendents drawing over \$2,000 a year:

Alabama, 3; Arizona, 1; Arkansas, 4; California, 14; Colorado, 8; Connecticut, 14; Delaware, 1; Georgia, 5; Idaho, 1; Illinois, 21; Indiana, 12; Iowa, 9; Kansas, 4; Kentucky, 3; Louisiana, 1; Maine, 1; Maryland, 1; Massachusetts, 54; Michigan, 15; Minnesota, 7; Missouri, 4; Montana, 4; Nebraska, 3; Nevada, 1; New Hampshire, 2; New Jersey, 27; New York, 48; North Dakota, 2; Ohio, 27; Oregon, 1; Pennsylvania, 23; Rhode Island, 4; South Carolina, 1; Tennessee, 2; Texas, 5; Utah, 1; Virginia, 1; Washington, 3; West Virginia, 1; Wisconsin, 7

Rockford, Ill. Principal high school, \$2,000; principal with nine teachers, \$800; principal with twelve teachers, \$1,000. Grade teachers receive \$500 per annum.

East Aurora, Ill. Principal high school, \$1,800; principal with nine teachers, \$850; principal with twelve teachers, \$1,000. The salaries of the grade teachers range from \$570 to \$700.

Elgin, Ill. Principal high school, \$1,500; principal with nine teachers, \$760; principal with twelve teachers, \$831. Teachers in the first, second, sixth, seventh and eighth grades are paid \$570; teachers in third, fourth and fifth grades, \$522.50.

Oshkosh, Wis. Superintendent's salary, \$2,000 a year; principal high school, \$1,400 a year.

Mankato, Minn. Manual training instructor employed at \$75 dollars a month.

Butte, Mont. An increase in salaries of the high school teachers has been made, averaging about five dollars a month.

New Hartford, Ia. The board has made a cut in the salaries of the teachers. One of the members opposed such action. "Cheap teachers, like all cheap labor," he said, "is dear at almost any price. The best talent is none too good to put into the school rooms. Instead of cutting salaries the policy should be to increase them."

Louisville, Ky., pays smaller salaries to her teachers than almost any other city in the country.

The following table shows the minimum and maximum teachers salaries in ten cities of the country:

Detroit	.....\$350 00	\$ 800 00
Cleveland	..... 400 00	850 00
Buffalo	..... 400 00	700 00
Cincinnati	..... 400 00	800 00
Pittsburg	..... 350 00	700 00
Milwaukee	..... 400 00	900 00
Newark	..... 450 00	650 00
Jersey City	..... 400 00	1,176 00
Minneapolis	..... 450 00	800 00
Louisville	..... 350 00	625 00

The following figures show in definite way the amounts paid to teachers in each of the cities named. The total amount paid teachers for the fiscal year ending December 31, 1901:

Detroit	.....\$654,840 72
Cleveland	..... 956,094 25
Buffalo	..... 829,448 09
Cincinnati	..... 800,167 62
Pittsburg	..... 660,228 01
Milwaukee	..... 602,479 34
Newark	..... 666,417 61
Minneapolis	..... 590,048 00
Louisville	..... 371,572 33

Superintendent E. H. Mark, of Louisville, Ky., says: Young men and women are not willing to spend years in preparing themselves for teaching, for which they are to receive a smaller compensation than is paid in almost any other occupation or profession. With the present low salaries there is nothing to induce wide awake young men and women to enter the teaching profession.

Chicago, Ill. The number of teachers elected for next year is 250 less than the number employed this past year. The reduction is the result of Superintendent Cooley's policy of increasing the size of the classes and closing branch schools as far as possible.



Inspector Jas. L. Hughes.

Dr. John W. Cook.

Archbishop Ireland.

Edwin G. Dexter.

Geo. M. Carman.

M. E. Sadler.

Dr. John Dewey.

THE N. E. A. CELEBRITIES AS SEEN THROUGH THE EYES OF THE MINNEAPOLIS CARTOONIST.



### Educational Exhibits at the Minneapolis N. E. A. Meeting.

The Prang Educational Co.'s exhibit was marked by an air of taste and refinement. The walls were covered with art pictures and the tables and shelving presented the company's various publications. The Misses Mary Grubbe and Helen Bauman were in charge.

D. Appleton & Co. occupied a good location. Stacks of books in attractive binding graced the corners, while the center was built up into a veritable library of books. Manager L. F. Gates, G. W. Benton, J. A. Hanley, C. D. Baker, F. W. Davis and Fletcher McDonald were in charge.

The Werner School Book Co. occupied a well-located and nicely-decorated booth. Mr. J. C. Thomas, the secretary of the company, took quite an interest in the exhibit, and made things agreeable for the visitors. He had several assistants.

The Ginn & Company exhibit was unique. The walls of the booth were constructed of geographies and the interior of the same presented the comforts of a home library. The top of the booth was ornamented by an allegorical figure giving the whole a finished appearance. Mr. W. T. Field was in charge.

The Rand, McNally & Co. exhibit comprised school books as well as school supplies. While Mr. L. G. Newby was in charge of the school book department, Mr. R. H. Allin looked after the supply department. He was assisted by Frank Robinson and C. H. Horton. The exhibit was a most attractive one. An array of text-books greeted the visitor on one side of the booth, while globes, maps and charts were set and hung about in tasteful fashion.

Educational exhibits presented in connection with the N. E. A. are never quite complete without the Educational Publishing Co.'s exhibit. The company's Chicago manager, Mr. E. S. Smith, was in charge. He was assisted by A. B. Welles and F. S. Manasse. The exhibit was large and attractive.

Butler, Sheldon & Co. were in evidence, and R. W. Cranston took care of the array of text-books placed in shelves and upon tables. The books included all of the firm's popular publications.

The Morse Company publications were exhibited by L. E. Loveridge of Chicago. These included the company's new speller and readers.

The Globe School Book Co. had a neat exhibit. A. H. Porter, the well-known bookman, was in charge. He was assisted by Miss Harney.

Maynard, Merrill & Co. presented a fine lot of text-books. B. S. Lobdell, the firm's Wisconsin agent, met the numerous visitors who crowded into the booth.

The Macmillan Co.'s exhibit of text-books was looked after by W. J. Schmitz, the company's Minnesota agent, assisted by Miss C. Smith. It is perhaps needless to say that the exhibit was large and interesting.

The American Book Co.'s exhibit was a busy place. The large booth was not only equipped with the hundreds of books published by the firm, but was also furnished with convenient chairs, Messrs. R. Scott Miner, W. M. Morton, E. C. Downing and Miss Emily Murphy were in charge. A snapshot of the exhibit was impossible owing to sharp contrast in the light and the rules of the exhibit, the manager forbidding the use of flashlights.

Benj. H. Sanborn & Co. of Boston were well represented in books and men. The firm's long list of books were displayed and Mr. J. G. Coffin and Mr. Roland were constantly giving information regarding them. We did not see the genial Mr. Sanborn himself.

The publications of the Practical Text-Book Co. of Cleveland, O., were exhibited in a neat

booth. Prof. E. E. Gaylord, who is well known among the educators of the country, personally looked after the exhibit.

The D. C. Heath & Co. exhibit was unique. The firm's books were stacked up in an attractive manner. The booth was large and commodious and was liberally patronized. E. W. Avery, the firm's stalwart Minnesota agent, was in charge.

A. W. Hobson looked after the Scott, Foresman & Co. exhibit of text-books. Mr. Hugh A. Foresman was also in evidence. The list of books included the firm's Latin and English classics.

Powers & Lyons' commercial text-books were neatly displayed. A. N. Orcutt, assisted by L. A. Wilson, looked after the exhibit. The firm, which has acquired quite a trade in commercial texts, is located at Chicago.

The so-called Cosmos pictures were presented by N. McCarthy.

The Smith-Premier Typewriter Co.'s exhibit was enclosed by a wall of plants and shrubbery. The whole had a cooling effect which was most delightful during the hot weather. Lee Kingsley, the manager, was present and directed the exhibit. Miss Marian Reichardt, the great expert typist, was on hand to demonstrate the qualities of the Smith Premier machine and at the same time give an exhibition of her wonderful speed as an operator. W. G. Senderson and Otto Brodhag were also connected with the exhibit.

The Remington Typewriter Co. occupied a large and elegant booth which was well equipped with the well-known typewriters. S. G. Bon-Durant acted as the demonstrator and was assisted by Miss A. N. Smith and R. H. Holbrook. Frequently the booth was crowded with visitors who watched the expert typewriting or listened to a description of the Remington machine's construction and achievements.

The Oliver Typewriter Co. distinguished itself in several ways. It gave out souvenir mailing cards and other advertising novelties and entertained its visitors with music as well as the click of the typewriter. Ricord Gradwill, the general manager of the company, was on hand to direct matters. The Indian Mandolin and Bandolin Club played for two hours each day. The Indian Band also gave a concert.

The exhibit was placed in a large booth liberally supplied with Oliver machines. The following persons connected with the company were

in evidence: Miss I. Adelia Marsh, employment department, Chicago; Mrs. Louise Bryant, expert operator; Floyd St. John, in charge of the exhibit; T. J. McLaughlin, railroad department; R. A. Gudarian, local manager; J. N. McLaughlin, Omaha department, and E. H. Barnes, salesman.

The Joseph Dixon Crucible Co. had two exhibits. One was located at the Exposition building and the other in a large room leading off from the lobby of the West Hotel. The former was in charge of W. B. Allen of New York and the latter in charge of Dudley A. Johnston of Chicago. An enormous stock of the company's produce was displayed at both places. George Howard Reed, the manager of the company's educational department, looked after both exhibits so closely that he frequently forgot his meals. He was accompanied by Mrs. Reed, who takes an active interest in her husband's work at educational gatherings. The exhibits were crowded at all hours.

A corner of the Exposition building was occupied by the American School Furniture Co. with an assortment of school desks. The adjustable as well as the standard school desks were on exhibition. Mr. Gilbert Murphy, the company's Northwest agent, and head of the Minneapolis School Furniture Co., was in charge of the exhibit.

The Cincinnati Game Card Co. had two exhibits. One was located at the Exposition building and the other in the lobby of the West Hotel. The exhibit consisted of the series of game cards published by the company. Both Mr. Will C. James and Elmer G. Kinkead of the company were present.

The Thomas Charles Co. and Milton Bradley Co. exhibit was, as it is every year, most attractive. A fine stock of kindergarten supplies was neatly displayed. Wm. T. Dix of the Thomas Charles Co. was in charge. Manager Will W. Tapley of the Milton Bradley Co. and H. M. Crist and H. O. Palen were also in evidence.

The G. P. Brown & Co. collection of famous pictures designed for school room use was on exhibition. The display was an attractive one. Nathaniel McCarthy, the Minneapolis bookseller, and his daughter, Miss Belle, were in charge. The Geo. P. Brown Co., which already enjoys a good reputation among the school people of the country, is located at Beverly, Mass.

The Carman Opaque Projector was shown. Circular matter concerning this valuable piece of apparatus bore the name of A. T. Thompson & Co., Boston. Also the names of the Industro-Educational Co., 420 Fulton St., Chicago., and Chas. Whitney, Carman & Co., 88 LaSalle St., Chicago.

The pendant globe which has met with such a phenomenal growth was in evidence. Mr. L. P. Denoyer, manager of the Pendant Globe Co., was in charge of the exhibit and was kept busy showing the operation of his globes, which were suspended from the ceiling. Mr. Denoyer also displayed the multiplex marker, a device which marks six parallel lines at one stroke.

The A. Flanagan Co. of Chicago presented a fine exhibit of all kinds of educational books. Mr. Flanagan himself was on hand to greet the little school-marms.

The Burrows Brothers' Co. of Cleveland, O., represented by a number of publications, including Day's Shorthand Manual, was in charge of James S. Curry.

Harvey N. Ott presented a good collection of the Bausch & Lomb Optical Co.'s scientific apparatus.

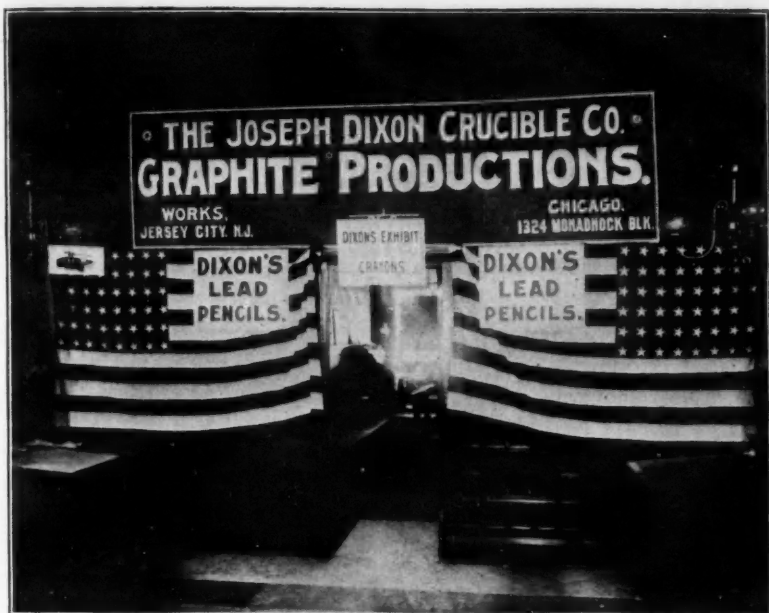
The Hammond Typewriter Co. was represented by Wm. A. Sorg.

(Continued on subsequent Pages.)

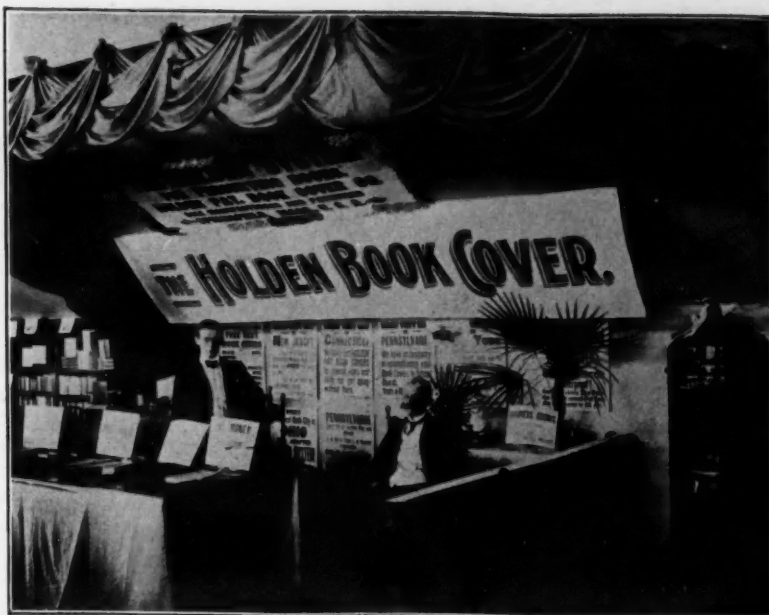


Exhibit of the American School Furniture Co., at the N. E. A. Meeting.





THE JOSEPH DIXON CRUCIBLE CO.  
George Howard Reed and Dudley A. Johnston in charge.



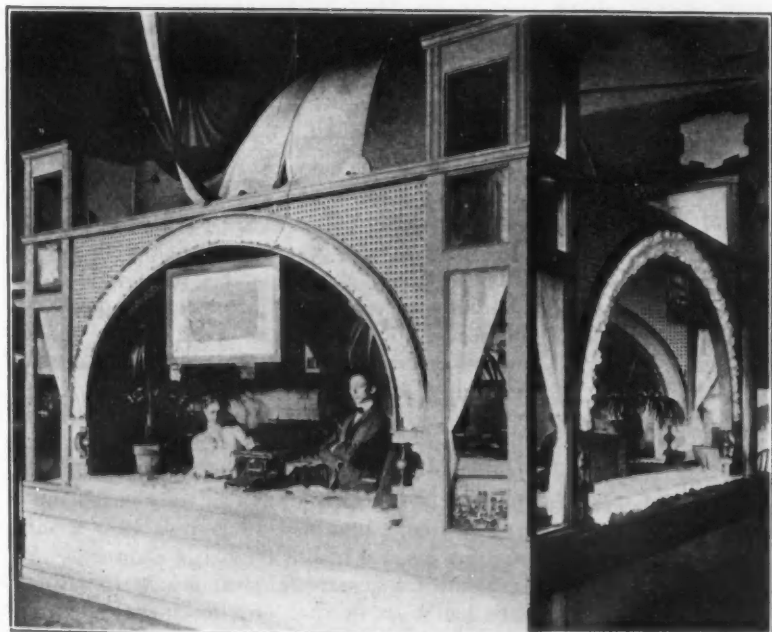
HOLDEN PATENT BOOK CO.  
G. W. Holden and Miles C. Holden in charge.



STANDARD SCHOOL FURNISHING CO.  
M. H. E. Beckley in charge.  
SILVER, BURDETT & CO.



SMITH-PREMIER TYPEWRITER CO.  
W. G. Lenderson, Lee Kingsley, Otto Brodhag and Miss Marian Reichardt in charge.



THE REMINGTON TYPEWRITER CO.  
Mrs. A. N. Smith. R. H. Holbrook.



THE OLIVER TYPEWRITER CO.  
Gen. Mgr. Ricord Gradwell, Messrs. J. M. McLaughlin, St. John, Gerdanum in charge.

EDUCATIONAL EXHIBITS AT THE MINNEAPOLIS N. E. A. MEETING.



V. L. Wilson of the American Book Co. demonstrated his ability as a drummer during the Minneapolis N. E. A. meeting. The Indian Band had played in the lobby of the West Hotel when a well-dressed gentleman stepped into the circle of dusky musicians and girded himself with the snare drum. Soon two dexterous hands rattled the drumsticks and in masterful way produced what is known as the long roll. The Indians looked at Wilson in open-mouthed fashion and thanked him for the lesson in drumming he had given them.

B. A. Leonard has resigned the presidency of the Ypsilanti (Mich.) Normal School to assume charge of the editorial department of Houghton, Mifflin & Co., Boston. The change will secure for this firm a most valuable editor and educational writer.

Mr. W. H. Ducker has sold out his interest in the firm of Sibley & Ducker. The business will in all probability be continued hereafter under the firm name of Sibley & Company. Mr. Ducker has recently assumed the management of the New York office of Silver, Burdett & Co. and is also financially interested in this growing firm.

E. R. Smith of D. C. Heath & Co. experienced a shock recently which was inflicted by a sharp little lad. Smith is a man who carries a somewhat metropolitan air and his tall figure is covered in modern tailor-made garments.

Upon a recent visit to Chicago he was ushered to a room at a leading hotel in the customary way by a bell boy.

The lad, who was short and pale-faced, was evidently piqued at the fact that the stalwart bookman did not notice him. After Smith reached his room the lad looked at him with a gleam in his left eye and asked in a most respectful manner this question:

"Say, Mister, do you know how to blow out the gas?"

J. A. Townsend has resigned his position as manager of the educational department of Charles Scribner's Sons to take a position with the New York Life Insurance Co.

When Richard Hardy of the Prang Educational Co. was in Utah last spring taking part in the state contest he took an occasional horseback ride into the country. He was soon dubbed as "Dick Hardy, the Rough Rider," by his comrades.

J. M. Eppstein has been induced to remain with the American Book Co. His resignation was submitted at the beginning of the year with the intention of going into the insurance business. Mr. Eppstein has now decided to remain in the book field.



ALLEN PECKHAM,  
Representing Silver, Burdett & Co.,  
New York City.



BURPEE C. TAYLOR,  
Representing Charles Scribner's Sons,  
Chicago, Ill.

H. W. Schroyer has resigned his position as superintendent of the Henderson (Minn.) schools and will become the Wisconsin agent for Rand, McNally & Co.

Arthur D. Rogers of Rogers & Manson, Boston, publishers of "Wheelwright's School Architecture," was in attendance at the meeting. His books were displayed in one of the publishers' exhibits.

Edwin S. Lord will again assume the management of the educational department of Charles Scribner's Sons, New York. He formerly held that position, but connected himself about a year ago with D. Lothrop & Co., Boston. The return of Mr. Lord to the educational field will be welcomed by his friends.

H. G. Butler, formerly connected with Scott, Foresman & Co., will in future represent Henry Holt & Co. in the western field.

Manager C. E. Brown of Buttler, Sheldon & Co., who is one of the most ingenious advertisers, presented school people at the N. E. A. with a souvenir consisting of the inside layer of birch bark. It is flexible like paper and bears a velvety texture.

A. F. Hoffman has been appointed the New Jersey agent for the University Publishing Co., of New York. Mr. Hoffman is an experienced field man and well and favorably known in the state in which he labors. We wish him abundant success.

F. O. Willard, formerly superintendent at Marshalltown, Ia., will hereafter represent Houghton, Mifflin & Co.

Jarrett W. Davis of Columbus, O., Silver, Burdett & Co.'s agent, had the misfortune to lose his wallet at Chicago while en route to the Minneapolis N. E. A. meeting. The bookmen enjoyed Davis' discomfiture in finding himself stranded in a large city without money or railway transportation. After considerable bantering he was liberally equipped with funds and good advice.

J. S. Brazier, formerly superintendent at Harvard, Ill., will represent Silver, Burdett & Co. in Northern Illinois. The firm has also secured William Wallace, formerly principal at Charleston, to do agency work in Southern Illinois. Mr. J. F. McCullough will have general supervision over the firm's agency work in the state.

"With our pencils anybody can learn to draw," said George Howard Reed of the Joseph Dixon Crucible Co., while at the Minneapolis N. E. A. meeting in charge of an exhibit of lead pencils.

"I have used the Dixon pencils all my life," replied W. H. Maddock of Silver, Burdett & Co., "and I can't draw anything yet. How do you explain that?"

"You can draw your salary, can't you?" was Reed's good-natured response, and Maddock admitted the insinuation.

C. C. Birchard, the congenial and well-known bookman, will some time during the present month enter the bonds of matrimony. Miss Carolina F. Smith of Boston will be the bride.

Mr. Birchard was at one time connected with Ginn & Co. and later had charge of the American Book Co.'s department. A few years ago he established the firm of Birchard & Company, Boston, which has been quite successful.

Miss Smith is the talented translator of Pierre Loti's "Story of the Child" and the author of several valuable books. She is a charming woman and enjoys a wide circle of friends.

The ceremony will take place at the home of the bride in the White Mountains. Mr. and Mrs. Birchard will reside at Cambridge, Mass.

The young couple has the blessings of the School Board Journal.



MR. A. F. HOFFMANN,  
New Jersey Representative University Publishing Co.,  
New York City.

#### Bookmen at the N. E. A.

American Book Co.: Manager J. M. Greene, New York; R. Scott Miner, Galesburg, Ill.; Frank A. Fitzpatrick, Boston; Frank Ellis, Cincinnati; L. M. Dillman, Maj. A. W. Clancy, C. E. Ricketts, Harry G. Wilson, J. M. Eppstein, Mary R. Pierce, Chicago; Wm. S. White, Detroit; R. S. Gleason, Aberdeen, S. D.; J. F. Winters, Lincoln, Neb.; V. L. Wilson, Ottumwa, Ia.; Samuel B. Todd, Sharpe W. Todd, Milwaukee; L. B. Lee, Minneapolis.

D Appleton & Co.: E. D. Appleton, L. F. Gates, Geo. W. Benton, Chicago.

Allyn & Bacon: Paul V. Bacon, Chicago.

Birchard & Company: C. C. Birchard, Boston.

Butler, Sheldon & Co.; Major E. H. Butler, Philadelphia; Manager C. E. Brown, Chicago; D. D. Mayne, Madison, Wis.

Crane & Company: G. G. Burton, Topeka, Kans.

Educational Publishing Co.: E. S. Smith, Chicago.

Ginn & Company: Manager Geo. A. Plimpton, New York; Manager T. W. Gilson, H. H. Hilton, W. T. Field, Wm. Park, W. B. Owen, Olive G. Wilson, Chicago; O. J. Laylander, Cedar Falls, Ia.; Murray A. Campbell, Des Moines, Ia.; W. B. Walter, Arthur C. Stocks, Minneapolis.

(Continued on subsequent pages.)

#### Our National Disease.

Caused by Coffee.

Physicians know that drugs will not correct the evils caused by coffee, and the only remedy is to stop drinking it.

Dr. W. J. Allison, of Heber, Ark., says: "I have been a coffee drinker for 50 years and have often thought that I could not live without it, but after many years of suffering with our national malady, dyspepsia, I attributed it to the drinking of coffee, and after some thought, determined to use Postum Food Coffee for my morning drink. I saw that Postum was made carefully with directions, and found it just suited my taste. At first, I used it only for breakfast, but I found myself getting so much better, that I used it at all meals, and I am pleased to say that it has entirely cured me of indigestion. I gained 19 pounds in 4 months and my general health is greatly improved.

"I must tell you of a young lady in Illinois. She had been in ill health for many years, the vital forces low, with but little pain. I wrote her of the good that Postum did me and advised her to try it. At the end of the year, she wrote me that Postum had entirely cured her, and that she had gained 40 pounds in weight and felt like herself again."



## School Boards' Supply Orders



**SALESMAN:** "It is the only brush that satisfactorily disposes of the sanitary as well as the economic side of the School Room Sweeping Problem."

**PRESIDENT:** "This Board is quick to introduce improved methods, especially when it can be shown that the result proves beneficial to the health of our school children. We recognize the hygienic advantages of your Brush and will adopt it for use in our schools."

The Fame of the **WORLD'S ONLY SANITARY FLOOR BRUSH** is spreading, and the more it spreads the greater it becomes as a factor in school room hygiene. It is slowly but surely taking the place of the old corn broom, which no longer keeps pace with the requirements of the times.

### Some Strong Indorsements

From Dept. of Public Instruction, State of Colorado, The Bell & Bacon Mfg. Co., Western Agents, 826 Fifteenth St., Denver, Colo.

Having thoroughly inspected the work of your dustless brushes, I take pleasure in stating that I consider them most valuable for cleaning floors without the slightest inconvenience from dust. They are especially valuable in school rooms, and I would be glad to see them in use for that purpose throughout the state.

HENRI L. GREENFELD,  
State Supt. Public Instruction.

From Providence, R. I., G. W. Green, Eastern Agent, Boston.

I take pleasure in testifying to the superior merits of the "Sanitary Dustless Brush" over the ordinary brushes for school house work. They have been used in several of the school buildings since the middle of February, and the results are such that I have recommended their being used in all the school buildings.

PHILIP B. DUFFEE,  
Supt. School Janitors.

From Nebraska.

"Is a valuable aid in school room sanitation."

The Milwaukee School Board in its regular meeting of June 10, made the use of dustless brushes compulsory in the Milwaukee schools by adopting the following resolution:

#### RESOLUTION.

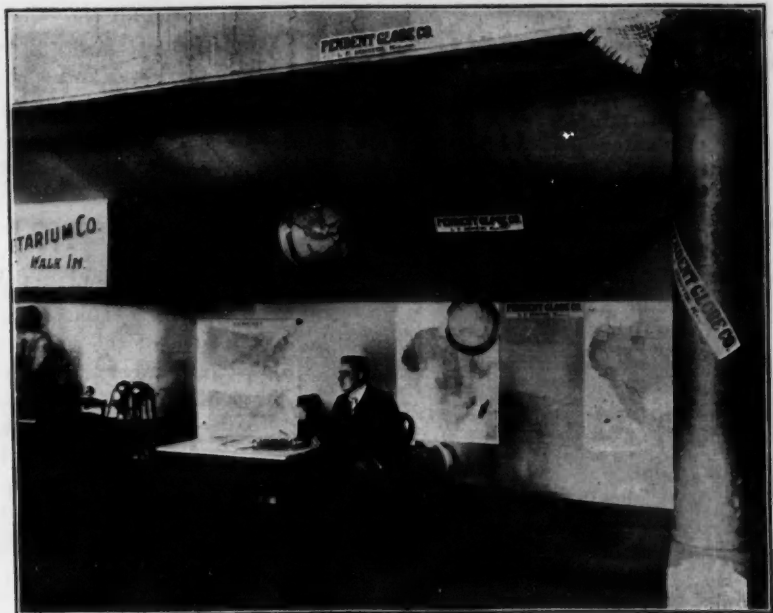
Resolved, That janitors of the public schools be and they are hereby directed to use a floor brush employing kerosene oil for sweeping of school rooms, such brush being furnished by the Committee on Supplies.

### BRUSH ON TRIAL.

We will send upon application, to any school board or committee, one of our brushes on trial, to be paid for after a reasonable time if satisfactory, or to be returned at our expense if not wanted.

## Milwaukee Dustless Brush Co.,

122-24 Sycamore St., Milwaukee, Wis.



PENDENT GLOBE COMPANY.  
L. P. Denoyer, Manager.



CRAIG KEYLESS LOCK CO.  
A. W. Craig, Manager.

LAING PLANETARIUM CO.  
C. M. Foster and W. E. Polleys in charge.



THE CINCINNATI GAME CO.  
Will C. James, Manager in Charge.



Neenah, Wis. All pupils below the High school will hereafter be furnished school books by the city free of cost.

Huntsville Ala. The Madison County Text-book Committee has announced selections of the text-books to be used for the next five years. A large portion of the books, including the readers and histories, are published by B. F. Johnson Publishing Company, of Richmond, Va.

The Educational Publishing Company, of New York, has published a text-book written by Professor E. A. Brown entitled "Forty Lessons in Orthography." This was first published by Mr. Brown himself, in twenty lessons. The work is intended for use by teachers and students in High schools Normal institutes and academies.

Milwaukee, Wis. Director Jeremiah Quinn is championing a resolution, aimed to counteract the activity of book agents. He says: "I think that the superintendent of the schools is the proper authority to judge of the necessity of a text-book. This would avoid the unpleasantness of school directors being called upon, in and out of season, and it would also stop 'plugging,' if I may use that rather comprehensive word, in the public schools for a change in text-books. The directors being, as a rule, business men, we are not supposed to attend to the really literary part of the schools, and we naturally look to the superintendent to attend to that part of the work. \* \* \* Besides, continual changes in these books are disturbing to the

system of the schools, and invariably create distrust and complaint, both on account of added unnecessary expense, and also because a change always creates dissatisfaction."

Springfield, Ill. Clyde S. Houk, principal of the school at Lawrenceville, and editor of a local paper, is held here by the United States authorities on a charge of using the mails to defraud publishing houses.

The following is the modus operandi under which Houk worked, as stated by the government officials: Publishers of text-books are in the custom of sending samples of their publications free to any principals or school teachers who apply for them. Houk not only sent to Appleton, Ginn & Co., Allen & Bateman and other publishing houses of New York, Boston, Philadelphia, Chicago and Cincinnati under his own name from Lawrenceville, but he went to Newton, where he sent under the name of William Z. Wood, and from Crossville, where he sent under the name of George S. Winters, and representing himself as the principal of school in each place, succeeded in getting large numbers of books. At the places other than his home, he would apply at the postoffice for a sample package which he said had been sent him, stating he was a traveling salesman. He readily succeeded in securing the package addressed to

Wood or Winters as the case might be, saying the packages were samples. He would then take the books to Chicago, where he would sell them at distributing houses. In this scheme his newspaper passes stood him in good stead for transportation.

D. C. Heath, the well-known publisher, wrote and delivered a lecture on "The Work of a Village Educational Association" for the conference of Educational Associations held at Newark, N. J., in April, 1901. It is based on the practical work done by such a body in the city of Newton, Mass., more particularly in one of the wards of the city, and abounds in suggestions for the betterment of educational advantages. The pamphlet will serve a useful purpose in many respects. (Privately printed for the Conference of Education Associations.)

Leola, S. D. The following companies submitted bids to furnish text-books for the next

## TAYLOR'S NATURAL METHOD OF SHORTHAND

The learner writes and reads from the beginning. The step to amanuensis or reporter is easy and natural.

Correct forms given at first and never changed. Difficult parts clearly illustrated and made easy by abundant practice.

This system based upon the Pitmanic has been successfully taught for seven years in the Indianapolis Manual Training High School.

SAMPLE SHEETS TO TEACHERS

THE BOWEN-MERRILL COMPANY, Publishers, INDIANAPOLIS, U.S.A.

**WITH GAS at the Price  
Prevailing in Milwaukee**

## GAS ENGINES

Furnish the Cheapest Power Available  
and with only ordinary care

**THE MOST RELIABLE**

without requiring more than a  
minimum of attendance

16 Gas Engines, averaging 13 Horse Power each, in use in  
Milwaukee Schools for operating ventilating fans.

**THE MILWAUKEE GAS LIGHT  
COMPANY.**

## Would You Like to See

The Only Attractive Spelling  
Book ever Published? . . .

A New Book on a New Plan

## SPELLING AND WORD BUILDING

By EUGENE BOUTON

Word Studies—A drill in words as individuals.

Word Building—A phonic drill.

Over 250 illustrations make the book attractive and serve as a basis for language lessons and dictation exercises. Many of the pictures are in outline and can be reproduced by the children, thus impressing the meaning of the word and furnishing Busy Work for the school hours.

Cloth, 124 pages, retail price, 25 cents. Exchange price, 15 cents. Sample copies sent for examination upon receipt of the exchange price.

UNIVERSITY PUBLISHING COMPANY

27-29 West 23rd St., New York.

120 Summer St., Boston.

714-716 Canal St., New Orleans.



five years, viz.: American Book Company, Butler, Sheldon & Company, Werner School Book Company, Silver, Burdett & Co., Globe School Book Company, Maynard, Merrill & Co., A. Flanagan Company, The Whitaker & Ray Company, Educational Publishing Company, The Educator School Supply Company.

Louisiana. A newly enacted law provides that before any history of the Spanish war shall be used in any of the public schools, in the state, it shall have been examined and the fact ascertained that the part played by Admiral Schley, off Santiago, is treated justly, and that he was given the credit for the victory over Cervera. The use of a history partisan to Admiral Sampson is prohibited under severe penalties.

Spokane, Wash. The state board of education has selected five books for eighth grade reading circle work, as follows: "Good Manners" and "Pushing to the Front," by Orison Swett Marden; "Heart," by Edmonds de Amicis; "Greek Heroes," by Charles Kingsley, and "Historic American," by Eldridge Brooks.

For the Teachers' Reading Circle work the following books were adopted: "Seeley's History of Education," "Tarr's Geology," "Prang's Art Instruction in Primary Schools," "Gordy's Psychology," "White's School Management," "Swinton's Studies in English Literature," "Nature Study in Elementary Schools," by Mrs. L. L. Wilson.

Terre Haute, Ind. Book used in the schools: High School—Wisely's New English Grammar, Herrick & Damon's Composition and Rhetoric, Painter's Introduction to English Literature, Collar & Daniell's First Latin Book, Bennett's Latin Grammar, Daniell's New Latin Composition, Kelsey's Caesar, Johnston's Cicero's Oration and Letters, Wells' Essentials of Algebra (with answers), Wells' Essentials of Plane and Solid Geometry, Bailey's American Comprehensive Arithmetic, Remson's Chemistry—Briefer Course—(Holt & Co.), Gage's Elements of Physics—Revised Edition, Larned's English History, McLaughlin's History of the American Nation Adam's European History, Joynes-Meissner's German Grammar, Guerber's Maerchen und Erzählungen, Niebuhr's Heroen-Geschichten, Hoeher als die Kirche, Einer muss Heiraten und Eigensinn, Immensee, Wilhelm Tell (Macmillan Co.), Der Bibliothekar, German Poems (Holt & Co.), Buchheim's Prose Composition, Die Jungfrau von Orleans (Holt & Co.), Wilderbruch's Der Letzte (Holt & Co.), Sudermann's Frau Sorge, Keller's Bilder aus der deutschen Literatur (American Book Co.), Harper Miller's Virgil, Colton's Physiology.

District Schools—New Era Writing Speller (grades 4 to 8), Webster's High School Dictionary, or Academic (grades 6 to 8) Modern Music Primer, Modern Music Books, Electic German Primer, Electic German Readers, Blaisdell's Stories from English History, Indiana Readers, Indiana Spelling Book, (grades 4 to 8) Indiana Advanced Physiology, Cook and Cropsey's Elementary Arithmetic, Cook and Cropsey's Advanced Arithmetic, Frye's Introductory Geography, Frye's Advanced Geography, Hyde's Lessons in English, Hyde's English Grammar, Montgomery's American History, New Era Penmanship Books, Stepping Stones to Literature, Prang's Drawing Tablets.

Lowell, Mass. Tarr and McMurray's Geographies ordered as desk books; Cady and Drury's Art Reader adopted for supplementary reading; copies of Smith's Systematic Methodology and also copies of Holman's Education ordered for training school.

Salt Lake City, Utah. Judge Hill has enjoined permanently the completion of the con-

tracts for school books selected by the recent state convention, because the bids were not read publicly, as required by law, and because there were other irregularities in the work of the convention. The chief point is that the proceedings of the body were secret, the vote on the choice of books was secret, and the public was kept out of the convention when it was in session.

Salisbury, Md. The contract for furnishing books for Kent County awarded to the William C. Dulaney Company, Baltimore.

Bowling Green, O. Halleck's Psychology and Psychic Culture, Baily's Botany, Williams' Elements and Adams' Commercial Geography.

Port Huron, Mich. G. C. Spencer, of the Maynard, Merrill & Co., Chicago, gave the board a talk recently on the many excellent features of the new series of readers named "Standard Literature Readers."

Manitowoc, Wis. James & Sanford's "Government in State and Nation" adopted.

#### New Adoptions.

Ogden, Utah. Readers (Basic)—Stepping Stones to Literature, full series, Silver, Burdett & Co.; Wheeler's Primer and First Grade, W. H. Wheeler & Co.; Second, Third, Fourth and Fifth Readers of Cyr's Series, Ginn & Co. Readers (Supplementary)—The Holton Primer, Rand, McNally & Co.; the Lights to Literature, Rand, McNally & Co. Language and Grammar—Buchler's Modern English Lessons (for teachers), Newson & Co.; Wheeler's Language Lessons, W. H. Wheeler & Co.; Reed & Kellogg Higher Lessons in English, Maynard, Merrill & Co. Language and Grammar (Supplementary)—Reed & Kellogg Graded Lessons in English, Maynard, Merrill & Co. History—Eggleston's First Book on American History, American Book Co.; American Leaders and Heroes, Scribner; Thomas' History of United States, D. C. Heath & Co. Spelling—The Modern Speller, Butler, Sheldon & Co. Writing—Roubush System, Central School Supply House; Eclectic System, Newson & Co.; New Era System, Eaton & Co. Drawing—Prang System, Prang Educational Co. Music—Natural Music Course, American Book Co. Geography—Natural Geography, American Book Co. Geography (Supplementary)—Tarr & McMurray Geography. Arithmetic—Hall's Primary, in hands of the teachers for beginners, 1st and 2d grades, Hall's Arithmetic, Book 1, for 3d and 4th grades, Werner's School Book Co.; Hall's Arithmetic, Book 2, for 5th and 6th grades, Werner School Book Co.; Milne's Standard Arithmetic for 7th and 8th grades, American Book Co. Physiology—Cutters' Beginner, J. B. Lippincott & Co. Nature Study—Talmage's Domestic Science, in the hands of the teachers; Talmage's Natural Study, in the hands of the teachers Deseret News Co.

St. Joseph, Mo. Morton's Geographies.

Winona, Minn. Progressive Readers.

Rochester, Minn. Morton's Geographies and Modern Spelling Book.

Effingham, Ill. Progressive Readers.

Springfield, O. Barnes' Natural Slant System.

New York City. The Isaac Pitman Shorthand System has been adopted by the New York High School of Commerce, under control of the board of education. The following works will be used: Isaac Pitman's Shorthand Instructor, \$1.50; Aesop's Fables in Shorthand, 20 cents; Shorthand Gradus, 6 cents. Published by Isaac Pitman & Sons, 33 Union Square, New York City.

Watertown, S. D. Codington county adoption: Baldwin Primer, Harper's Readers, Milne's Arithmetics, Harrington's Speller, Metcalf's Language and Grammar, Natural Geographies, McMaster's Histories, Overton's Physiologies, Macy's Civics, Barnes' Natural Slant Writing, Augsburg Drawing, Ross' Civil Gov. South Dakota, Robinson's History South Dakota, Goodyear Marshall Book-keeping, Webster's Dictionary.

Boston, Mass. Cyr's Readers.

East Aurora, Ill. Thomas' Practical German Grammar and James & Sanborn's Government of State and Nation.

Plankinton, S. D. Aurora county adoption: Stepping Stones to Literature, Montgomery's Beginners and Advanced Histories, Aiton's Descriptive Speller, Normal Review System of Intermediate Slant Writing.

Lowell, Mass. Pancoast's Introduction to English Literature, Carpenter's Geographical Readers, Frye's Revised, Roddy's and Tarbell's Geographies.

Boston, Mass. Elements of Geography, and Grammar School Geography, by A. E. Frye, published by Ginn & Co.; Tarr & McMurray's Geography, Books I, II and III, published by The Macmillan Company.

Bryant, S. D. Hamlin county adoption: Baldwin's Readers, Harvey's Grammars, McMaster's Histories, Milne's Elementary Arithmetics, Overton's Physiology, Barnes' Natural Slant Copy Books and Augsburg's Drawing Books, Nos. 1, 2 and 3.

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The Frick program and time system has recently been ordered to be installed in the following schools: Wardsleigh High school, 114th street and Seventh avenue, New York City; Gallatin County High school, Bozeman, Mont.; Texas Christian university, Waco, Texas; Manual Training school, No. 2, Washington, D. C.; Beaver-Head County High school, Dillon, Mont.; New High school building, Santa Barbara, Cal. This system is manufactured by the Fred Frick Clock Company, Waynesboro, Pa.

Terre Haute, Ind. The A. H. Andrews Company, of Chicago, Ill., captured the desk contract.

North Tonowanda, N. Y. J. M. Olcott & Co. received a large order for general school supplies.

Grand Rapids, Mich. A supply of desks bought from the Haney School Furniture Co.

Chicago, Ill. A supply of flags purchased from H. Channon Company; kindergarten material from Thomas Charles Company; maps from Rand, McNally & Company; seeds from the Vaughan's Seed store, and typewriter supplies from Wyckoff, Seamans & Benedict.

Clinton, Ill. The new school is being equipped throughout by the Standard School Furnishing Company with their Olmsted artificial slate blackboards.

Omaha, Nebr. The Board of Education awarded the contract for pencils to the Eagle Pencil Company.

Wilkesbarre, Pa. Contracts awarded for Esterbrook vertical pens, triangular book covers and Eagle lead pencils.

Brooklyn, N. Y. Shower baths are being installed in the newly erected school buildings.

Jackson, O. Contract for blackboards awarded to the Standard School Furnishing Company.

Los Angeles, Cal. Contract for pens and pencils awarded to the Eagle Pencil Company.

Sandy Hill, N. J. A large order for general school supplies placed with J. M. Olcott & Co.

Holyoke, Mass. A supply of paper bought from White & Wyckoff Company.

Kansas City, Mo. Contracts for desks and blackboards for the eight new rooms in additions now building were awarded to W. L. Bell & Co., Kansas City, Mo. The two contracts aggregate \$3,800.

Buffalo, Wyo. J. M. Olcott & Co., of Chicago, captured the contract for supplies.

Central Falls, R. I. A supply of the Chandler adjustable desks purchased.

Alton, Ill. Contracts for the seats and furniture for the High school bought from the American School Furniture Co.

Chicago Ill. The charge is made by the

Citizens' Association that the board of education paid \$48,000 for distributing \$220,000 worth of school supplies. This would mean that it costs 20 per cent. of the total purchase price to distribute the supplies.

Buffalo, N. Y. Supt. Emerson is credited with having made the statement that he was unable to account for \$40,000 worth of school furniture that had been ordered and paid.

Toledo, O. Esterbrook's No. 556 pens were bid to the board, through a dealer, at 19¢ per gross.

Reading, Pa. The board placed an order for seventy-five gross Dixon's "American Graphite" pencils at \$2 per gross. The pencils are to be used for drawing purposes.

New Hartford, N. Y. Williams & Morgan, Utica, N. Y., received contract to supply the Paragon desks for the New High school.

Trenton, N. J. A large order for natural slate blackboards placed with J. M. Olcott & Co.

A. Parks, who represents the Hudson School Furniture Company in the South, was at one time employed with A. H. Andrews and Company. He began his activity in the field in 1873, continuing with this firm for nine years. He was thereafter with the Sterling people for three years, and the Burlington School Furniture Company for eight years, the Cleveland School Furniture Company for three years. Mr. Parks makes his headquarters at Ottawa, Kas.

Burlington, Ia. The school bell problem, which has been hanging fire for a year or more has been finely disposed of by the purchase of two fine Meneely bells, 24 inches in diameter, 300 pounds weight, price \$127.35—one for Prospect Hill, the other for North Oak school. The bells are guaranteed for fifteen years.

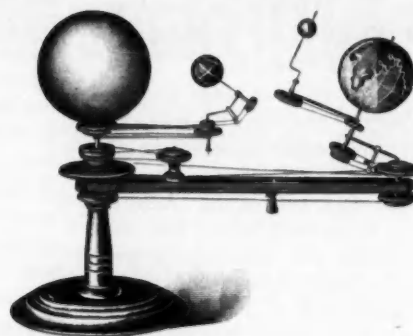
Memphis, Tenn. Contract for 1,200 school desks was awarded to the Hudson School Furniture Company for the Babbett Hinge Seat.

Slate Blackboards for Cornell University, Ithaca, N. Y., are to be furnished by J. M. Olcott & Co.

Hudson, Wis. Drawing material from the Prang Educational Company.

Newark, N. J. The contract for general

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supplies awarded to J. B. Wilson & Co.; kindergarten supplies to J. W. Schermerhorn & Co.

Burlington, Vt. The new Adams school has been equipped with the Chandler adjustable desk, the same type as those in the Lawrence Barnes school.

The Mineral Tablet Ink Co., of Pueblo, Colo., will send by mail tablets sufficient to make one gallon of ink for 50 cents. The ink is said to be of a good quality.

Los Angeles, Cal. The board of education ordered the Milwaukee Sanitary Floor Brush for the schools.

Lockport, N. Y. The Milwaukee Sanitary Floor Brush has been ordered for use in the schools.

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Terre Haute, Ind. Contracts awarded for the following supplies: Eagle vertical pens, Esterbrook pens No. 707, Esterbrook pens No. 702, Faber pens, E. Faber binding penholders, Dixon's H. S. "S" lead pencil, Eagle Academic soft pencil, E. Faber pencil, Dixon sketching crayon, Andrew's wool blackboard eraser, Victor felt eraser, David's or Reed's writing fluid.

The McConnell School Supply Co., of Philadelphia, has a large stock of pencil and ink tablets made up ready for shipment. This firm also carries a very large stock of stationery goods of all kinds which it is in a position to ship promptly, as its factory is well equipped and the facilities the very best.

Williamsport, Pa. Contracts awarded as follows: Caxton Company, Chicago, noiseless slates; H. G. Phillips Supply House, stationery supplies.

Swanton, O. Contract for slate blackboards awarded to J. M. Olcott & Co., of Chicago.

Syracuse, N. Y. The board has been advertising for school desks with the object of determining whether the city is required to purchase prison-made desks from the state if it can procure them cheaper from private manufacturers.

Newark, N. Y. J. L. Hammett & Co., of New York, and James B. Wilson, of the same city, captured some of the supply contracts.

Readstown, Wis. Contract for slate blackboards awarded to J. M. Olcott & Co., of Chicago.

Irvington, N. J. Contract for desks for the Colt Street school was captured by the New Jersey School-Church Furniture Co.

Minonk, Ill. The American Furniture Company secured the desk contract.

Memphis, Tenn. J. M. Olcott & Co., of Chicago, captured contract for furnishing eight square feet of North Bangor slate blackboard.

Akron, O. Contract to furnish about two hundred new school desks awarded to the American School Furniture Co.

Baltimore, Md. Among the firms receiving school supply contracts were the following: William J. C. Dulany Company, J. W. Bond Company, F. Weber & Co., J. L. Hammett & Co., Esterbrook Steel Manufacturing Company.

North Platte, Nebr. Contract for school supplies awarded to J. M. Olcott & Co., of Chicago.

Memphis, Tenn. The following firms submitted bids for furnishing schools desks: The Manitowoc Seating Works, Western School Supply Works, Racine Hardware Works and the Hudson School Furniture Co.

Tacoma, Wash. The board is considering the advisability of substituting board walks around the schools with cement.

Colorado Springs, Colo. The Centennial

School Supply Co., of Denver, received a school supply contract.

Chicago, Ill. Contract for ink awarded to J. M. Olcott & Co. About 10,000 gallons will be used.

The Laing Planetarium Co., of Detroit, will be represented in Wisconsin by the La Crosse Book & Stationery Co., of La Crosse, Wis. The latter company represented the former at the N. E. A. educational exhibits.

Dubuque, Ia. During the past few years several very fine concerts were given under the auspices of the Women's Clubs of the city. The total receipts amount to a little over \$1,300. This money was used to buy pictures for the various school buildings. Superintendent F. T. Oldt heartily favored the holding of these concerts.

Peekskill, N. Y. Order has been placed with J. M. Olcott & Co. for North Bangor slate.

Chicago, Ill. Charges of extravagance and poor management made by the Citizens' Association against the management of the board's supply house have been declared unfounded in the majority report of a sub-committee. In a minority report the association's charges were declared to be based on sufficient ground to warrant investigation and changes in the system obtaining in the supply house.

M. A. Potthoff represents the Samuel Cabot deafening quilts for school house construction in Wisconsin.

J. M. Olcott & Co., of Chicago, has made a large shipment of Compact Registers to China.

Rock Island, Ill. The board let contract for desks to the Standard School Furniture Co., of Chicago, and the contract for supplying Venetian blinds to the Burlington Blind Co., of Burlington, Vt.

Harry C. Sharp is the traveling representative for the Esterbrook Steel Pen Mfg. Co., of New York. (Mr. Sharp goes to the far West, to the South and the North, and is known to many school people. He makes his home at Camden, N. J., where the company's works are located.

Peoria, Ill. A Smith-Premier typewriter bought for the High school.

The Moore Manufacturing Company, of Springfield, Mo., has been awarded the contract to sell and furnish the new Pearsons Science Hall of Drury College. They have also received

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orders for more desks from the Springfield Normal and Morrisville College.

### School Room Sweeping.

The school board of the city of Milwaukee has recently passed a resolution, requiring the janitors of all the school houses to use a brush employing kerosene to lay the dust while sweeping the class rooms. This action was prompted by the results of a very interesting investigation, made by the Health department, into the various methods of sweeping school rooms, an extensive account of which appeared in the last January number of this journal.

Aside from the sanitary feature involved, which was the subject treated in the report of the Health department and which, of course, is of first importance, the committee on buildings ascertained that in the school houses where the sweeping was done with the kerosene brush, the floors, although scrubbed only three or four times a year, were in a much cleaner and better condition than in those where other methods were employed.

The frequent dampening of the floors, whether by scrubbing or by using damp saw-dust to lay the dust, tends to render the wood rough and porous and thus makes it more difficult to keep the floors in a clean and sanitary condition. It was found also that while one janitor, accustomed to the use of the kerosene brush, could, without assistance, easily care for the average ward school containing sixteen rooms, the janitors of similar schools, using the old methods, required the help of one and in some cases two assistants.

This difference was found to be partly due to the fact that where the dustless brush was employed, the sweeping of the class rooms could be begun immediately after the close of school, without inconvenience to the teachers who remained in the rooms, as well as the greater rapidity with which the work could be done and the smaller amount of dusting required.



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## ARKANSAS.

Gentry.—A \$5,000 school contemplated.

## CALIFORNIA.

Bedding.—A \$15,000 grammar school will be built. Address F. F. Dustin, clerk.

## COLORADO.

Pueblo.—A school to be erected in District No. 20. Grand Junction.—\$30,000 bonds were voted for two new schools.

## CONNECTICUT.

Waterbury.—Architect Leonard Asheim has plans for a 12-room school to be erected here. New Britain.—Architects Davis & Brooks, Hartford, are preparing plans for a normal school.

## DISTRICT OF COLUMBIA.

Washington.—Architects A. B. Mullett & Co., 1411 F Street, N. W., are drawing plans for an 8-room school to be erected on Pierce Street. Architect A. P. Clark, Jr., 605 F Street, will prepare plans for an 8-room school. Architects Marsh & Peter, 520 Thirteenth Street, will prepare plans for an 8-room school. Architect Waddy Wood, 808 Seventeenth Street, will prepare plans for an 8-room school.

## ILLINOIS.

Chicago.—Architect Theo. Duesing planned the addition to the school for the German Lutheran St. Marcus congregation; \$7,000. Maquon.—A new school to be erected, planned by J. Grant Beadle, architect, Galesburg, Ill. Nauvoo.—Architect C. E. Hair, Galesburg, Ill., has plans for a \$6,000 school. J. M. Gross, secretary, Galesburg.—\$7,000 to be spent remodeling a school; Architect Wm. Wolf. Taylorville.—A proposition for a \$7,000 school to be voted on. Chicago.—Wm. B. Mundle, architect, board of education, Chicago, planned the new \$325,000 normal school to be built. Joliet.—A 4-room addition to be made to the Lincoln school; Chas. L. Wallace, architect. Dekalb.—Architect E. E. Roberts, Oakpark, Ill., has plans for two 8-room schools. Maud.—A school to be erected; J. J. Tennis, clerk. St. Jacob.—New school contemplated; plans at Rhein & Widicus. Waukegan.—South side school to be erected; Wm. Hallowell Jr., secretary. Westville.—J. F. McCoy, architect, Danville, Ill., drew plans for new school.

## INDIANA.

Leo.—A 4-room school to be erected; Chas. R. Weatherlogg, architect, Ft. Wayne, Ind. Hammond.—Architect Joseph Molitor, Chicago, Ill., is preparing plans for a school for St. Joseph Roman Catholic Church; Rev. Father Plater, pastor; cost, \$6,000. Merrillville.—Chas. F. Lembke, architect, Valparaiso, Ind., planned the 4-room school to cost \$5,863.50, to be erected here.

Columbia City.—A new school contemplated; Chas. H. Jones, trustee. Westpoint.—Architect Geo. S. Brown, Lafayette, Ind., has prepared plans for a 6-room school to be erected. Hayden.—A 4-room school to be built. Ft. Wayne.—An addition, to cost \$44,000, will be erected at Concordia College, and improvements, to cost \$12,000, will be made to old buildings; address Director J. Schmidt. Carlisle.—Architect D. B. De Voe, Sullivan, Ind., has made plans for a new school in Hadden Township. Gem.—A new school to be built here.

## IOWA.

Yorktown.—Mr. Reid, architect, Shenandoah, Ia., planned the new 2-room school, to cost about \$2,000. Oas.—New school to be built here. Dike.—Architects W. R. Parsons & Son Co., Des Moines, are preparing plans for new school. Eldon.—An 8-room school to be built, planned by W. R. Parsons & Son Co. Rake.—School planned by W. R. Parsons & Son Co., architects, to be built. Edgewood.—Architect Thos. T. Carkeek, Dubuque, Ia., has plans for the new school here. Sutherland.—New school to be built in District No. 5; F. W. Hulser, secretary. Muscatine.—Architect Martin Heer, Dubuque, Ia., has plans for a \$4,000 school to be erected for St. Joseph's congregation. Brown.—A \$4,000 school contemplated; Martin Heer, architect.

## KANSAS.

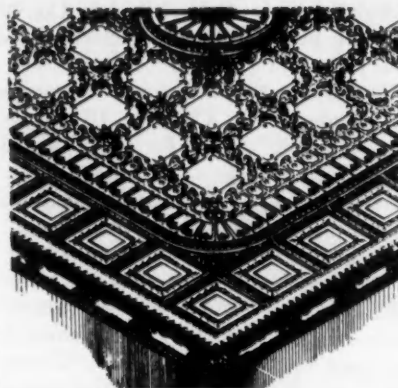
Eureka.—\$15,000 bonds to be voted on for new school. Caldwell.—Architect H. M. Hadley, Topeka, has planned the new \$10,000 school. Elwood.—A \$10,000 school to be built, planned by H. M. Hadley, architect. Cheney.—F. F. Parsons, Wichita, Kan., is the architect for new school to be erected.

## LOUISIANA.

New Orleans.—Architect Geo. Ketteringham, 2018 Josephine Street, has plans for new school; \$7,000. Shreveport.—Architects Barnes & Crosby, 415 North Texas Bldg., Dallas, Tex., have plans for a \$18,500 school.

## MARYLAND.

St. Mary's City.—A 3-story school building to be erected for St. Mary's Female Seminary; address Jos. H. Keys, secretary board of trustees, Leonardtown, Md. Baltimore.—Architect Fred C. Sauer, Hamilton Bldg., Pittsburg, Pa., planned a 10-room school for the Bohemian Catholic Church; \$28,000. A \$34,000 school to be erected for St. Wenceslaus Catholic Church, by



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Bulder T. Buckley, 127 Richmond Street. The Maryland Baptist Convention will erect \$10,000 theological seminary; address Rev. T. Thos. Stanford, Calvary Baptist Church.

## MASSACHUSETTS.

Clinton.—Architect J. Thissell, 48 High Street, planned the \$25,000 building for the State Industrial School for Girls. Fitchburg.—A 3-story addition to be added to the Normal school; J. P. Rinn, architect, 7 Water Street, Boston. South Hadley.—Dwight Memorial Art Bldg., Mt. Holyoke College, planned by Architect Geo. F. Newton, Boston. Easthampton.—Architect W. J. Howes, Holyoke, Mass., has made plans for a 12-room school for Center Union Districts; \$25,000. This town voted to build two schools, one of 4 rooms, the other 8 or 12 rooms; cost not to exceed \$40,000; Jos. W. Wilson, town clerk. Malden.—Architect Tristram Griffin, 114 State Street, Boston, has plans for a \$3,000 school here. Winchester.—\$100,000 has been appropriated for a new high school; Geo. H. Cater, town clerk. Revere.—Architect S. D. Butterworth, Jr., has plans for a 4-room school to be built; \$10,000.

## MICHIGAN.

Detroit.—Architect R. E. Raseman, 38 Ruhl Block, planned the chemical laboratory for the Thompson Chemical Co. to be erected; \$16,000. Calumet.—Architect Chas. W. Maass is preparing plans for a school for Allouez Mine, Keweenaw County. Trimountain.—A new school contemplated.

## MISSOURI.

Independence.—Architect A. B. Anderson, 939 New York Life Bldg., Kansas City, Mo., has prepared plans for a 2-story school; cost \$4,500. Salisbury.—Architect W. L. Garver, Chillicothe, Mo., is preparing plans for a \$14,000 school to be erected. Carl Junction.—A new school contemplated; write C. A. Smith, president.

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## MINNESOTA.

Brookpark.—A new \$1,300 school to be erected here; write A. H. Loyd. Deerwood.—A new school contemplated, planned by A. F. Rudolph, architect, Duluth, Minn. Cottonwood.—A 6-room school to be built; Architects Maurice A. Hockman & Co., Granite Bldg., Watertown, S. D. Crookston.—Architect E. Straasberger has plans for a \$5,500 school here; 4 rooms. Blackduck.—A 4-room school, costing \$3,200, to be erected, planned by Architect C. R. Aldrich, Minneapolis, Minn. Nassau.—A 4-room school, to cost \$8,000, to be built; W. J. Longworth, district clerk. Pine City.—A new school contemplated; G. A. Robinson, district clerk. Breckenridge.—Architects Schuler Bros., Wahpeton, N. D., have plans for addition to school. Madison.—Two new schools to be built; plans by Contractor Glatz; \$15,000. Dunnell.—\$3,000 school to be built.

## MISSISSIPPI.

Vicksburg.—A large school to be erected; address Mississippi Lumber Co.

## MONTANA.

Kallispel.—Bonds to be issued to the amount of \$20,000 for new high school; D. R. Peeler, president.

## NEBRASKA.

South Omaha.—L. A. Davis, architect, drew plans for the 8-room school to be erected. Omaha.—Trustees of Brownell Hall have voted \$6,000 for remodeling seminary for girls.

## NEW HAMPSHIRE.

Laconia.—Wm. M. Butterfield, architect, Manchester, N. H., planned the two new 4-room schools to be erected here, both to cost \$25,000. Somersworth.—Architects McFarland, Colby & McFarland, 2 Beacon Street, Boston, Mass., prepared plans for the parochial school for St. Martin's parish.

## NEW JERSEY.

Pleasantville.—An 8-room school, planned by Architect H. V. Rogers, to be erected at a cost of \$20,000. Morristown.—Architects Geo. W. Bower & Son, Market Street and Park Place, have plans for a \$50,000 school at Convent Station, for the Sisters of Charity. Hoboken.—A \$75,000 school, planned by Robt. Dixon, Jr., architect, Unionhill, N. J., is to be built.

## NEW YORK.

Cedarhurst, L. I.—A new school contemplated here. Brooklyn.—J. W. Walter, architect, 101 S. Elliott Place, has plans for a parochial school for St. Patrick's Roman Catholic congregation. Syracuse.—Architects Merrick & Randall have plans for the Nineteenth Ward school and Lincoln school addition. Architect M. D. Makepeace has plans for the Danforth school, and Architect M. C. Conway for the Elmwood school. New York City.—C. B. J. Snyder, architect, Park Avenue and 59th Street, has plans for a \$70,000 addition to school, corner Broome and Ridge Streets. Buffalo.—Carl Schmill is the architect for a \$25,000 parochial school for St. Gerard parish.

## NORTH DAKOTA.

Sergus.—Three new schools contemplated. St. Thomas.—\$20,000 is to be expended on buildings for the State University; architect, Jos. Bell de Remer, Grand Forks, N. D.

## OHIO.

Evansburg.—School to be erected in Sub-District No. 1; J. E. Richmond, president. Haskins.—A school to be erected in Sub-District No. 10; Chas. S. Woodford, clerk. Plain.—School to be built in Sub-District No. 8; G. E. Kean, clerk. Youngstown.—\$25,000 has been donated by W. H. Baldwin, Wick Avenue, for a Free

Kindergarten Association, which will be used in the erection of a new school. Moorefield.—A new school to be erected in Sub-District No. 1; Z. A. Moore, clerk. Richwood.—A new school contemplated in District No. 11. Kingman.—A new school contemplated; S. P. Buckley, clerk. Lime City.—A school to be built, Phil. Wetzel, clerk. Sherodsville.—A \$10,000 school to be voted on. Magnetic Springs.—A 4-room school to be built; Wm. King, clerk. Cleveland.—School Director Starr, Cadwallader, has been authorized to advertise for bids on an 8-room annex; \$30,000. Marysville.—A \$6,000 school to be erected. Painesville.—Irwin W. Thayer, architect, planned the alterations to the grammar school. East Liverpool.—Dr. William Calhoun, Virginia Avenue, Station A., East End, is one of the promoters for a \$10,000 college. Sandusky.—The plans of Oliver W. Marble, architect, have been accepted for a new \$12,000 school. Genoa.—Tachumy & Co., architects, planned new school here.

## OKLAHOMA TERRITORY.

Perry.—J. Foucart, architect, Guthrie, O. T., planned new school here.

## OREGON.

Eugene.—R. Martin, Sr., architect, Portland, will make plans for alterations to various buildings of the University. Sellwood.—A new school to be erected, planned by T. J. Jones, architect, Portland, Ore.

## PENNSYLVANIA.

New Salem.—Board will contemplate erecting a new school; J. T. Russell, architect. Vandegrift.—\$4,000 bonds for school to be voted on. Pittsburg.—The new 8-room Sterrett sub-district school was planned by Architect Ellsworth Dean, Fitzsimmons Bldg.; \$70,000. Philadelphia.—Architect J. Horace Cook, City Hall, has planned the \$200,000 manual training school at Broad and Jackson Streets. Also has plans for the \$60,000 school at Second and Wolf Streets. Reading.—An 8-room school building is contemplated at Douglas and Windsor Streets. Morgantown.—Architect T. D. Evans, 814-15 Lewis Bldg., Pittsburg, planned new building for girls for the Pennsylvania Reform School. Lancaster.—Architect C. E. Urban will draw plans for new girls' high school, Charlotte and Chestnut Streets. Ambler.—A school to be erected here, planned by I. C. M. Shirk, architect, Philadelphia. Braddock.—An 18-room high school, to cost \$90,000, has been planned by E. J. Carlisle & Co., architects, Westinghouse Bldg., Pittsburg. Philadelphia.—Architects Chas. W. Bolton & Co., Witherspoon Bldg., have plans for a Sunday

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school to cost \$15,000. Easton.—A school to be erected, planned by John M. Stewart, architect. Philadelphia.—Architects Morris & Vaux, Stephen Girard Bldg., have plans for addition to Friends' School, Germantown; \$8,500. Erie.—An academy to be erected for the Sisters of St. Joseph; S. F. Heckert, Stevenson Bldg., Pittsburg. Rockledge.—A 2-story colonial school to be erected, planned by Horace Trumbauer, architect, Philadelphia. Lansdowne.—Architect R. W. Boyle, 1530 Chestnut street, Philadelphia, planned the parochial school for St. Philomenas Roman Catholic Church; \$50,000. Natrona.—Architect W. G. Eckles, Newcastle, Pa., has plans for a 16-room school to be erected; \$30,000. Swarthmore.—A Sunday school to be erected for the Swarthmore Presbyterian Church; architect, Frank R. Watson, 1208 Chestnut Street, Philadelphia, made plans. Pittsburg.—The Alinda Preparatory School, Miss Ella G. Stewart, preceptress, 4605 Fifth Avenue, will erect a \$40,000 building. Rochester.—Architects Hawley & Wharton, Westinghouse Bldg., Pittsburg, planned the school for St. Cecilia Roman Catholic Church, to cost \$7,000. Wilkesbarre.—Thomas Podmore, architect, Bennett Bldg., drew plans for the 10-room school to be erected on Pine and Maxwell Streets. Youngwood.—A new school contemplated; John D. Miller, president. Alliance.—A 2-story addition to be erected on Central school; P. W. Troxell, president.

## RHODE ISLAND.

Pawtucket.—Competitive plans are being made for schools at Darlington and South Woodlawn, to cost \$40,000 each. Warwick.—Architects Angell & Swift, Providence, R. I., have plans for an 8-room school; \$25,000. Architect Albert H. Humes, Pawtucket, R. I., has planned the new \$30,000 school to be erected. Warren.—\$30,000 bonds issued for new school.

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## Educational Exhibits.

(Continued from page 14)

Beatrice E. Lindberg of Faribault, Minn., is the inventor and patentee of the Faribault School Loom. The loom was exhibited together with some of its products.

The A. H. Andrews Co. of Chicago occupied a booth at the north end of the exposition hall. Mr. Thomas Jones, the inventor of the "Jones Model of the Earth," a relief globe, was in charge. The company's splendid stock of school supplies was handsomely presented.

The Twin City School Supply Co. of Minneapolis occupied a spacious booth with a fine array of school supplies and apparatus. The product of the leading school supply manufacturers was exhibited.

A complete equipment for art, manual training and engineering schools was presented by the Artisans' Guild of Muskegon, Mich. This concern also has salesrooms at 56 State street, Chicago.

A new gravity machine was presented by J. S. Hemenway, River Falls, Wis., who is the sole manufacturer of the device.

The Laing Planetarium, which has attracted such universal attention, was exhibited and found many interested spectators. C. M. Foster of La Crosse, Wis., was in charge of the exhibit. Mr. Foster is the general agent for the planetarium in Wisconsin.

The Craig Keyless Locks attracted considerable attention at a booth occupied by them. Mr. A. W. Craig, the inventor, was present to explain the utility of the locks for school and college use. The locks are manufactured by the Craig Keyless Lock Co. of Chicago.

The Standard School Furnishing Co. of Chicago made a display of globes, maps, the Olmsted blackboarding and general school supplies. Manager W. H. E. Beckley was in charge.

The Holden Patent Book Co. of Springfield, Mass., was represented by the enterprising head of the company, G. W. Holden, and by his son, Miles C. Holden. The senior Holden, whose face has become a familiar one in that it appears in all his periodical advertising, met the school patrons in person. His stock of book covers was ample and Mr. Holden's discussions on the utility of his produce were always interesting. The Holden self-binders also commanded the interest of visitors.

A movement is on foot in New York City the object of which is to open the public school buildings for popular uses during the summer vacation and on Saturdays and Sundays the year round. The idea is to throw open the large halls of the schools for popular music, reading and harmless recreation and instruction, for adults as well as children. The movement is a natural outcome of the vacation school, free lecture and playground movement, which has been very successful in New York City.

## Sessions.

Brookline, Mass.—

The board considers two sessions for children of the intermediate grades preferably to a single session. Five hours' continuous mental strain upon the child it deems too severe, believing it is a provision of nature for their safety that the mind is apt to become dull and listless during the last hour or two of the session.

Milwaukee, Wis. East Division High School students have petitioned the board asking that during the warm months the present plan of holding two sessions daily, one in the forenoon and one in the afternoon, be changed so that there will be one continuous session, from 8 o'clock in the morning until 1 o'clock in the afternoon, just five hours, as under the present system.

Sioux Falls, S. D. The pupils of the high school are agitating for one session a day instead of the arrangements of school hours that is now in existence. The schedule at present is from 9 A. M. to 11:45 and from 1:30 P. M. to 3:45.

Holyoke, Mass. The board has voted to dispense with the services of the supervisors of music, drawing, writing and calisthenics.

In Missouri primary teachers are given special training which qualifies them to teach agricultural subjects.

Janesville, Wis. Kindergartens are to be established in connection with the schools.

## School House Acoustics.

A pamphlet containing illustrations of a number of handsome and modern school houses has been published by Samuel Cabot of Boston.

Mr. Cabot, who is the manufacturer of the well known "deafening quilt," so extensively used in school house construction, devotes a chapter to school house acoustics. The subject is most interestingly presented.

The argument is brought out that the conveyance of sound has always been borne in mind by architects and builders, whereas the reduction of undesirable noises to a minimum has not received the attention it deserves. This is, no doubt, true. The assembly halls are usually so constructed as to convey sound properly, while class rooms, in the nature of things, hold sound.

The noises which are ordinarily heard in and about a class room during study hours are distracting both to teacher and student and deserves attention.

*My little  
are good all the  
way through*



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The Cabot deafening quilts solve the problem. These are laid in floors and walls and thus they hush the noises made in the various rooms and the walking done in the corridors.

The pamphlet is instructive in that it discusses the subject of acoustics with the thoroughness of a specialist.

Prof. David K. Goss, formerly superintendent at Indianapolis, has for several years conducted the American College at Strassburg, Germany. Mr. Goss was a visitor at the Minneapolis N. E. A. meeting.

The plan upon which the school is conducted provides a language course for American boys. German and French are taught in an atmosphere where these languages prevail. The success attained by Prof. Goss is most gratifying. The school is patronized by the best American families and has each year been filled to its full capacity.

Prof. Goss resides with his family at the school which is located at 54 Ruprechtsauer Allee, Strassburg, Germany.



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## Building and Finance.

Chicago, Ill. The Federation of Labor has joined the teachers' tax fight against corporations.

School property in various cities is valued as follows:

Detroit .....	\$3,560,765 00
Cleveland .....	5,140,000 00
Buffalo .....	3,220,250 00
Cincinnati .....	4,000,000 00
Pittsburg .....	3,871,051 00
Milwaukee .....	3,079,142 00
Minneapolis .....	2,500,000 00
Louisville .....	1,285,000 00

Superintendent E. H. Mark, Louisville, Ky., says: "To make a good school system requires good houses, good teachers, good equipment in the way of blackboards, charts, globes, maps, supplementary reading matter, reference books, etc. The first in the list is good school houses."

Cleveland, O. School Councilman Gehring has proposed building school houses on the installment plan. His idea is to erect buildings with flat roofs, so that additional stories can be erected when they are needed.

Arkansas. At the annual school meeting, held in May, the school directors are required to submit to the electors an estimate as to the amount of money necessary to meet the expenses of the district for year to follow.

If no estimate is submitted and the tax is voted for "general purposes," the directors would be authorized to expend the fund arising therefrom for the actual expense necessary for the maintenance of the school except that no part of it could be used for building or seating a school house.

If any part of the district fund is to be spent in the purchase of maps, charts, globes, etc., the

estimate must so state, and the directors are limited to the amount therein mentioned.

The electors may, by vote, authorize the expenditure of \$25 out of the common school fund in the purchase of supplies as above mentioned.

A failure of directors to submit the estimate as required by the school law is a finable offense.

The following requirements should be embodied in plans for rural school buildings: 1. A minimum of fifteen square foot of floor space per pupil. 2. A minimum of two hundred cubic feet air space per pupil. 3. Glass one-sixth of floor space. 4. Light to come in from left side of pupil. One window on the rear on the extreme right of pupil is not objectionable. 5. The bottom of the window stool to be three feet six inches above the floor line. 6. The entrance of class rooms should be such that the space occupied by the desks should be nearly a square. 7. The entrance to class room should be from the end of the building toward which the pupils face. 8. Cloak rooms should be provided so that the pupils can put away coats and hats, etc., before entering the class room. 9. Some inexpensive means of heating by circulation rather than by radiation. 10. Ventilating appliances sufficient to give twenty-five cubic feet of air per minute to each pupil. 11. The walls in front and to the right of pupils should be unbroken and furnished with blackboards four feet in width, the lower edge to be two feet nine inches above the level of the floor. 12. A wood shed and a place for storing storm sashes should be included.

## Heating and Ventilating.

Onawa, Ia. Contract for dry air closet system for school building was let to the American Warming & Ventilating Co., Chicago, Ill., for system complete.

Buffalo, N. Y. A demand is being made for better ventilation and heating of schools.

Wild Rose, Wis. The school board has closed a contract with Peter Bogart of Milwaukee, for the installment of the Smead heating system in the new school house.

Springfield, O. The special committee appointed to visit the schools of the nearby cities and investigate the systems of ventilation, recommended three different systems for the consideration of the board.

The three systems recommended are the furnace system with an exhaust in the cloak rooms, the direct method, in which electric fans are employed, necessitating a licensed engineer to run the engines, and the direct-indirect method, which is a combination of the two former.

Slate Blackboards for Cornell University, Ithaca, N. Y., are to be furnished by J. M. Olcott & Co.

## WORCESTER'S SCHOOL DICTIONARIES.

Lippincott's Gazetteer of the World.	
New Edition .....	8.00
Chamber's Concise Gazetteer of the World. Half Morocco .....	2.00
Chamber's Biographical Dictionary. Half Morocco .....	2.00

Worcester's New Primary Dictionary .....	\$0.50
Worcester's New School Dictionary, Worcester's Comprehensive Dictionary .....	.80
Worcester's Comprehensive Dictionary (with Patent Index) .....	1.40
Worcester's Academic Dictionary .....	1.65
Worcester's Academic Dictionary (with Patent Index) .....	1.50
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Huron, S. D. Beadle county adoptions: Milne's Arithmetics, McCleary's Studies in Civics, Webster's Common School Dictionary, Webster's High School Dictionary, Webster's Academic Dictionary, Modern Speller, Rand, McNally & Co.'s Geography, Natural Vertical Writing, Heath's Writing Books, Cyr's Primer, Cyr's Readers, Kitredge & Arnold Mother Tongue Books, Montgomery's Beginners' American History, Montgomery's Leading Facts, Baldwin's Essential Lessons Physiology, Practical Drawing Series.

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Longmans  
Maynard  
Merriam  
Morse  
Macmillan  
McNally  
Myers  
Pitman  
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Sadler  
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D. Appleton & Co. New York, Boston, Chicago.  
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Bowen-Merrill Co. Indianapolis.  
Butler, Sheldon & Co. Philadelphia, New York, Chicago.  
Central School Supply House. Chicago, New York.  
A. Flanagan Co. Chicago.  
Ginn & Co. Boston, New York, Chicago.  
D. C. Heath & Co. Boston, New York, Chicago.  
Houghton, Mifflin & Co. Boston, New York, Chicago.  
Frank V. Irish. Chicago.  
B. F. Johnson Publishing Co. Richmond, Va.  
Krone Bros. New York.  
Lippincott Co. Philadelphia.  
Longmans, Green & Co. New York.  
Maynard, Merrill & Co. New York, Chicago.  
G. & C. Merriam Co. Springfield, Mass.  
The Morse Co. New York, Chicago.  
The Macmillan Co. New York, Chicago.  
Rand-McNally & Co. Chicago.  
R. L. Myers & Co. Harrisburg, Pa.  
Isaac Pitman & Sons. New York.  
Powers & Lyon. Chicago, New York.  
Prang Educational Co. Boston, New York, Chicago.  
Sadler-Rowe Co. Baltimore.  
Benj. H. Sanborn & Co. Boston, Chicago.  
Scott, Foresman & Co. Chicago, New York.  
Charles Scribner's Sons. New York, Boston, Chicago.  
Silver, Burdett & Co. Boston, New York, Chicago.  
Christopher Sower Co. Philadelphia.  
Thompson, Brown & Co. Boston, Chicago.  
University Publishing Co. New York, New Orleans.  
Western Publishing House. Chicago.  
Werner School Book Co. Chicago, New York, Boston.  
Woodward & Tiernan Ptg. Co. St. Louis, Mo.

## ALGEBRA.

Milne Series American  
White's School American  
Downey's Higher American  
Slaught's Elements Appleton  
Principles Appleton  
Hull's Butler  
Sheldon Series Butler  
Olney's Series Ginn  
Wentworth Series Ginn  
Beman & Smith Ginn  
Wells Series Heath  
Newser's Series Heath  
McCurdy's Drill Books Heath  
Freeland's Longmans  
Hall & Knight's Macmillan  
Thompson's New Maynard  
Durrell & Robbins Series Myers  
Collins's Scott  
First Book Scott  
Lilly's Series Silver  
Brooks' Sower  
Beginners Thompson  
Bradbury Series Thompson  
Fairbanks & Hebdon Thompson  
Sanford's Ele. University  
Nicholson's Ele. University  
Venable Series University  
312th's Gram. Sch. Werner

Nichol's Graded Les. Thompson  
Cagwell, Lessons Thompson  
Bradbury's Eaton's Thompson  
Nicholson's Series University  
Sanford's Series University  
Venable's Series University  
Hall's Werner  
Werner's  
Hall's Arith Primer. Werner  
Woodward Series Woodward

## ART.

Riverside Series Houghton  
Van Dyke's Painting Longmans  
Hamlin's Architecture Longmans  
Marquand & Frothingham's Sculpture Macmillan  
Abbott-Gaskell's Outlines Silver

## ASTRONOMY.

Todd's New American  
Bowen's American  
Steele's American  
Newcomb's American  
Comstock's Appleton  
Young's Ginn  
Sharpless & Phillips Lippincott  
Howe's Elements Silver  
Peck's Constellations Silver

## BIOLOGY.

Dodge's American  
Boyer's Heath  
Parker's Macmillan  
Biddgood's Longmans

## BOOKKEEPING.

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Compleat Accountant Powers  
Office Methods Powers  
Comm. Industrial Sadler  
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Hall's Art of Accounts Silver  
Mayhew's Series Silver  
Lyte's Book Sower  
Meservy's Thompson  
American Account't. University  
Werner Werner

## BUSINESS FORMS.

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Ward's Series American  
Merrill's Merrill  
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## BOTANY.

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Coulter's Appleton  
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Bailey's Lessons Macmillan  
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## CHEMISTRY.

Cooley's Text Book American  
Storer & Lindsay's American  
Kaiser's Lab American  
Stoddard's Analysis American  
Irish's Analysis American

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Boyer's Tablets Central  
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Newell's Experimental Heath  
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Ger.-Eng. Longmans  
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Numbers Potter  
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Primary 1st Year (Manual). Prang  
Primary 2d Year (Manual). Prang  
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Paper Folding and Cutting, Prang  
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Drawing Books (1-6). Prang  
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Course for Ungraded Prang  
Schools Prang  
Drawing Book (1). Prang  
Manual (1). Prang  
A Course in Water Color. Prang  
Mechanical Drawing, Prang  
Rouillon Prang  
How to Enjoy Pictures, Prang  
Egypt, Perry Prang  
Pencil Sketches, Bartholomew  
Parts I-III. Bartholomew  
Supplements A-B. Bartholomew  
Landscape Drawing, Bartholomew  
Sets 1-3. Bartholomew  
Water Colors Prang  
Pictures (Walls) Prang  
Normal Course Prang  
Pictures (Class Study) Prang  
Hand University  
Eclectic Industrial University

## ECONOMICS.

Hull's Practical Appleton  
Guntton Appleton  
Andrews' Institutes Silver  
Bullock's Introduction Silver

## ELOCUTION.

Kidd's American  
Murdoch's American  
Southwick's American  
Bailey's Essen. of Butler  
Reading Butler  
Fulton's Ginn  
Hoyt's Ginn  
Trimble's New Ginn  
Hyde's School Speaker Ginn  
Smith's Reading and Ginn  
Speaking Heath  
Burrell's Clear Speaking Heath  
and Good Reading Longmans

## ENGLISH LITERATURE.

Alden's Studies American  
Brook's English American  
Blaisdell's American  
Brooke's English American  
Halleck's English American  
Irish's Lit. Gem-Book American  
Treasured Thoughts American  
Matthew's American American  
McNeill & Lynch's American  
Watkin's American American  
Eclectic Classics American  
Roife's Classics American  
Twentieth Century Series American  
Choice Readings Appleton  
Sel. from Am. Auth. Appleton  
Sheldon's Readers Appleton  
Shaw's Series Appleton  
New History of Eng. and Am. Lit. Appleton  
The Great Writers Appleton  
Tyler's Manual of Appleton  
Shaw-Buckus Outl. Appleton  
Atheneum Press Series Ginn  
Gayley's Ginn  
Hudson's Shakespeare Ginn  
Minto's Ginn  
Lewis' Beginnings Ginn  
Heath's Classics Heath  
Melkjohn's His. of Heath  
Corson's Browning Heath  
Shakespeare Heath  
Arden Shakespeare Heath  
Hawthorne & Lemmon's Heath  
Am. Lit. Heath  
Heart of Oak Books Heath  
Bronson's American Heath  
Longman's Eng. Classics Heath  
Richardson's Amer. Houghton  
Masterpieces Brit. Lit. Houghton  
Riverdale Series Houghton  
Masterpieces Am. Lit. Houghton  
Modern Classics Houghton  
American Poems Houghton  
Longman's Eng. Lit. Houghton  
Arnold's Manual of Houghton  
College Requirements Houghton  
Southern Lit. Johnson  
Irish's Am. & British Johnson  
Authors Johnson  
Riverdale School Library Johnson  
Brooke's Longmans  
Bates' Am. Lit. Macmillan  
Carpenter's Am. Prose Macmillan  
George's Chaucer to Macmillan  
Arnold Macmillan  
Brooke-Carpenter Macmillan  
Lights to Macmillan  
Maynard's Series Maynard  
Kellogg on Maynard  
Chittenden's Ele. Scott  
Lloyd's Little Folks Scott  
Lake's Eng. Classics Scott  
Rass' Shakespeare Scribner  
Chaucer Scribner  
Labban's Essays Scribner  
A Study of Eng. Prose Scribner  
Silver Series of Classics Silver  
Pattee's American Literature Silver  
Pattee's Reading Courses Silver  
Pattee's Foundations Silver  
Westlake's Sewer  
Golden Rod Books University  
Standard Lit. Series University  
Johnston & Brown's University  
Lakeside Literature Series University  
Western University

## FRENCH.

Sym's American  
Mussarelli's American  
Bacon's American  
Wormian's American  
Twentieth Century Series American  
Int. Modern Appleton  
Aldrich & Foster's Ginn  
Foundation Ginn  
DuFour's Grammar Heath  
Edgren's Gram. Heath  
Grandgent's Gram. Heath  
Grandgent's Comp. Heath  
Super's Reader Heath  
Heath's Series Heath  
Heath Dictionaries Heath  
Fraser & Squair's Gram. Heath  
Fontaine's Livre Heath  
Grammar Longmans  
Illa. Second Reader and Grammar Ginn  
Illa. First Conversational Reader Ginn  
Longman's Gram Ginn  
Composition Ginn  
Episodes from Modern Authors Ginn  
Magnanat's Course Macmillan  
Kroen's Macmillan  
Le Row's Prac. Read. Maynard  
Keeteles' Gram. & Read. Maynard  
Maynard's Texts Maynard  
Elementary French Maynard  
La France Maynard  
Anecdotes Nouvelles Maynard  
Colloquial Conver. Pitman  
Pitman's Pitman  
Illa. First Reader and De Bordes's Ele. Scott  
Donay's Reader Silver  
Duffet's Method Sower

## GEOGRAPHY.

Natural Elementary American  
Advance American  
Harper's (2) American  
Barnes' (2) American  
Swinton's (3) American  
Eclectic American

Appleton's Appleton  
Butler's Series Butler  
Warren's Butler  
Mitchell's Butler  
Morton's Ele. Butler  
Morton's Advanced Butler  
Frye's Ginn  
Hennings, Va. Johnson  
Longmans Longmans  
Chisholm's Longmans  
Tarr & McMurray's (3) Macmillan  
Carroll's Series Morse  
Pitman's Commercial Pitman  
Inductive Geography Potter  
Redway's G. of N. Y. Potter  
Maury's University  
Werner Werner  
Tarbell's Werner  
(Physical.)  
Hinman's American  
Montell's American  
Guyot's American  
Redway's Elementary Scribner  
Davis' Ginn  
Dodge's Reader Longmans  
Tarr's Macmillan  
(Commercial.)  
Adams' Appleton  
Butler's Butler  
Warner's Butler  
Dana's Butler  
McFarland's Sadler

## GEOLOGY.

La Contes American  
Davis' Appleton  
Brigham Appleton  
Shaler's First B. in. Heath  
Tarr's Elements Macmillan  
Scott's Introduction Macmillan  
Geographical Portfolio Scribner  
Hand Book-Prac. Scribner  
Gove's Scribner  
Hillprins Earth Silver

## GEOMETRY AND TRIG.

Crockett's Trig American  
Campbell's Geom American  
Hornbrook's Geom American  
Milne's Geom American  
Phillip & Fisher's Geom. American  
Phillips & Strong's Trig. American  
Slaught's Plane Geom. Appleton  
Solid Geom. Appleton  
Comp. Sch. Geom. Appleton  
Olney's Series Butler  
Hull's Ele. Geom. Butler  
Wentworth Series Ginn  
Beman & Smith Ginn  
Bailey & Woods Ginn  
Wheeler's Trig Ginn  
Duffee's Plane Trig. Ginn  
Nichol's Trig Heath  
Wells' Series Heath  
Bower's Series Heath  
Hunt's Gram. School Heath  
Geometry Heath  
Waldo's Descriptive Heath  
Geometry Heath  
Nichol's Analytic Heath  
Blocher's Surveying Johnson  
Chauverit's Series Lippincott  
Nichols' Longmans  
Gore's Plane & Solid. Longmans  
Estill's Longmans  
Murray's Trig Longmans  
Notting's Elements of Longmans  
Edwards' Geom Macmillan  
Lock-Miller's Trig Macmillan  
Loney's Trig Macmillan  
Petee's Plane Geometry Silver  
Welsh's Trigonometry Silver  
Brooks' Plane and Solid Sower  
P. & S. Trig. Sower  
Bradbury's Ele. Pl. Thompson  
Trig. Thompson  
Geom. & Trig. Thompson  
Acad. Plane Thompson  
Acad. P. & S. Thompson  
Trig. & Survey University  
Venable's University

## GERMAN.

Keller's Series American  
Twentieth Century Series American  
Schmitt's Series Butler  
Harris' Comp Butler  
Huss's Reader Butler  
Spanhol's Reader Butler  
Joynes's Reader Butler  
Nix Reader Butler  
Int. Modern Series Ginn  
Collar's Eysenbach Ginn  
Collar's Lessons Ginn  
Bernhardt's Course Ginn  
Stein's Exercises Ginn  
Joynes-Messner's Gram. Heath  
Harris' Ger. Lessons Heath  
Heath's Series Heath  
Dictionary Heath  
Guerber's Maerchen Heath  
Illa. First Reader and Teusler's Outlines Literature Heath  
David's Easy Stories Longmans  
Longman's Grammar Longmans  
Composition Longmans  
Grammar Longmans  
Althaus' Grammar Longmans  
Beresford-Webb's Gram Macmillan  
Macmillan's Series Macmillan  
Maynard's Texts Maynard  
New Anecdotes Maynard  
Deutschland und die Maynard  
Beginner's Maynard  
Loebner's Reader Morse  
Gems of Literature Morse  
Herrardt's Morse  
Eclectic Morse  
Worman's Morse  
Colloquial Conver. Pitman  
Pitman's Practical Pitman



# School Board Journal

## GERMAN—Continued.

Mueller's Series.....Silver  
Silver Modern Language  
Series.....  
Knosch's Ger. Simp. University  
Hamilton's Primer.....Western  
Martin's Series.....Werner

## GRAMMAR.

(See Language and Grammar.)

## GREEK.

Forman's.....American  
Gleason & Atherton's.....  
Harper & Castle's.....  
Twentieth Century Series  
.....Appleton  
Pearson's.....Ginn  
Goodwin's Grammar.....Ginn  
White's First.....  
White's Beginners.....  
Seymour's Iliad.....  
Perrin & Seymour's.....  
Odyssey.....  
Collar & Daniels' Beginners  
.....Companion  
School Classic Series.....  
College Series—Authors.....  
Bryant's Iliad.....Houghton  
Bryant's Odyssey.....  
Palmer's Odyssey.....  
Witchell's.....Longmans  
Arnold's Prose Comp.....Scott  
Jones' Prose Comp.....

## HISTORIES.

Eggleston's.....American  
McMaster's U. S.....  
Barnes' (2).....  
Eclectic (2).....  
Swinton's.....  
Munro's Mid. Ages.....Appleton  
Whitcomb's Europe.....  
Hull's English.....  
McLaughlin's Amer.....  
Scudder's U. S.....Butler  
New Era Series.....Eaton  
Myer's Series.....Ginn  
Emerton's M. Ages.....  
Montgomery's U. S.....  
" English.....  
" French.....  
Thomas' U. S.....Heath  
Sheldon's U. S.....  
" General.....  
" Grk. and Rom.....  
Homan's Elem. U. S.....  
Thomas' Elementary.....  
John Fiske's U. S.....Houghton  
Larned's English.....  
Riverside Blog. Series.....  
Plaets's Epitome of.....  
Lee's U. S.....Johnson  
Shinn's Ark.....  
Riley's Miss.....  
Maury's Va.....  
N. C. Stories.....  
Texas Stories.....  
Tennessee Stories.....  
Morris Series (3).....Lippincott  
Oman's Greece.....Longmans  
How & Leigh's Rome.....  
Higginson's U. S.....  
Gardner's Stud. Eng.....  
Barnes's England.....  
Robinson's Rome.....  
Higginson & Channing's  
England.....  
Channing's U. S.....Macmillan  
Shuckburg's Rome.....  
Botsford's Greece.....  
Robinson's Greece.....  
Adams' European.....  
Channing's Student.....  
" Gram. School.....  
Coman & Kendall's Eng.....  
Anderson's U. S.....Maynard  
" England.....  
" France.....  
Leighton's Rome.....  
Dutton's Series.....Morse  
Smith's Manual U. S.....Potter  
Andrews' U. S.....Scribner  
Adams'.....  
Burgess'.....  
Gurdy's U. S.....  
Johnston's U. S.....  
Oxford Man. of Eng.....  
Thatcher & Schwill's.....  
Mowry's First Steps.....Silver  
Mowry's U. S. History.....  
Andrews' Institutes.....  
Stone's England.....Thompson  
Hansell's School.....University  
" Higher.....  
Jones' U. S.....  
Evans' Georgia.....  
Brown's Alabama.....  
L. & M. Mississippi.....  
Ellis'.....Werner  
Burton's Our Country.....

Thomas' Words of Lincoln  
.....Western

## LANGUAGE AND GRAMMAR.

Harvey's.....American  
Long's.....  
Maxwell Series.....  
Lyte's.....  
Metcalfe & Bright's.....American  
Metcalfe's.....  
Powell & Connolly's.....  
Irish's Orthog. & Orthoepy  
.....Irish  
Irish's Gram. & Anal. by  
Diagram.....  
Sheldon's Prim. Lan-  
guage Lessons.....Butler  
Patterson's Ele. of Gram.  
& Comp.....  
Sheldon's Advanced.....  
Powell's How to Talk.....  
" How to Write.....  
" How to See.....  
Practical Studies in.....Flanagan  
Whitney & Lockwood.....Ginn  
Tarbell's Lessons.....  
Knox-Heath's Ele.....  
Lockwood's Lessons.....  
Arnold & Kittredge.....  
Hyde's Eng. Lessons.....Heath  
" Eng. Gram.....  
Melkijohn's Eng. Gr.....  
Allen's School Gram.....  
Lewis's Rhetoric.....  
Allen's Sch. Gram.....  
Pendleton's Analysis.....Johnson  
Patrick's Lang. Less. Lippincott  
" Gram. Less.....  
Longman's.....Longmans  
Carpenter's Gram.....Macmillan  
Davenport & Emerson's  
Grammar.....  
Intro. Lang. Work.....Maynard  
Reed & Kellogg's.....  
Reed's Introductory.....  
Kellogg & Reed's Word  
Building.....  
Essentials of Eng. Gram. Potter  
Supplementary Lessons  
in English.....  
Atwood's Language  
Tablets.....  
Analysis and Parsing.....  
Spalding & Moore's Lan-  
guage Speller.....Richardson  
Bartlett's Series.....Silver  
Milne's Grammar.....  
Welsh's.....Sower  
Dutton & Kelley's.....Thompson  
DeGarmo Lang. Ser.....Werner  
Brown & De Garmo's Gram.  
McHenry's.....Western  
Woodward Series.....Woodward

## LATIN.

Harkness' Series.....American  
Coy's Latin Lessons.....  
Dodge & Tuttle's Comp.....  
Hamer's Easy Steps.....  
Lane's Grammar.....  
Mooney's Grammar.....  
Smiley & Storke's Beg.....  
Harper & Gallup's Cicero  
Harper & Miller's Virgil  
Harper & Tolman's Caesar  
.....American  
Twentieth Century Series  
.....Appleton  
McCabe Series.....Butler  
Bingham Series.....  
Cranch's Aeneid Trans.....  
Allen & Greenough.....Ginn  
Collar's Series.....  
Moulton's Composition.....  
College Series of.....  
Greenough, D'Oge & Daniels  
Second Year.....Houghton  
Ritchie's First Steps.....Longmans  
" Latin Prose Comp.....  
" Easy Continuous.....  
" Latin Prose.....  
Morris' Ele. Latina.....  
Hill's First Reader and  
Grammar.....Longmans  
St. Clair's Caesar.....  
Students' Series.....Sanborn  
Classics (33 books).....  
Intercollegiate Series.....Scott  
Bellum Helveticum.....  
Jones' Lessons.....  
" Prose.....  
Riggs' in Latinum.....  
Gildersleeve-Lodge Series  
.....University

## LITERATURE.

(See English Literature.)

## LOGIC.

Davis'.....American  
Schuyler's Prin. of.....  
Ballantine's Inductive.....Ginn  
Lafleur's Ill. of.....  
Mills' System.....Longmans  
Oreighton's.....Macmillan  
Jevon's.....

## MANUAL TRAINING.

Compton's.....American  
Ham's.....  
Hoffman's.....  
Kirkwood's Sewing.....  
Goss' Bench Work.....Ginn  
Hagood's Needle Work.....  
Banner's Sewing.....Longmans  
Hewitt's, 3 Vols.....  
Unwin's Clay Modelling.....  
Hiawatha Primer.....Houghton  
Riverside Lit. Series.....  
Longman's "Ship" Lit.  
.....Longmans  
Longman's Supplement.....  
Fairy.....  
Longman's Infant Fairy.....  
"Ship" Historical.....  
Longmans' Chatty.....  
Blaisdell's.....Macmillan  
Graded Literature.....Maynard  
Deane's Phonetic.....Morse  
New Century Series.....  
New Script Primer.....Potter  
Vertical Script Primer.....  
New Phonetic Primer.....  
Stories of Starland.....  
Salomon's Sloyd.....Silver  
Brumbaugh's.....Sower  
Davis'.....University  
Holmes'.....  
Lippincott's.....  
Woodward Series.....Woodward

## MENTAL SCIENCE.

Bain's Mental.....American  
Hewitt's Psychology.....  
Schuyler's Psychology.....  
Bowne's.....  
Dewey's Psychology.....  
Halleck's Psychology.....  
Hewitt's Psychology.....  
Putnam's Psychology.....  
Buell's Essence of.....Ginn  
Sanford's Psych.....Heath  
Compayne's Psych.....  
Herbart's Psychology.....  
Dexter's & Garlick's  
Psychology.....Longmans  
Fitcher's Psych.....Macmillan  
Baker's Ele. Psych.....Maynard  
Robertson's Ele. of.....Scribner  
Minto's Logic.....  
Multhead Eth. Ele. of.....  
Hyslop's Ele. of Eth.....  
Davis' Ethics.....Silver  
Davis' Elements of Psy-  
chology.....

## MUSIC.

Natural Series.....American  
Model Series.....  
Gantvoort's Series.....  
Matthew's Songs.....  
Siefert's Choice Songs.....Butler  
Educational Series.....Ginn  
Mason's Course.....  
National Course.....  
Whitling's Series.....Heath  
Hart's Class. Reader.....  
Emerson's Hymnal.....  
Riverside Song Book.....Houghton  
Russell's Vocal Culture.....  
Bertenshaw's Meth.....Longmans  
Brewer & Reddall.....Maynard  
American System.....Richardson  
Stevenson Song Book.....Scribner  
Field-DeKoven's B. Book.....  
Modern Series.....Silver  
Study.....  
Cecilian Series.....  
Silver Song Series.....  
Green's.....Werner

## NATURAL SCIENCE.

Treat's Home Studies.....American  
Treat's Home Studies.....  
Cooper's Animal Life.....  
Herriek's Plant Life.....  
Bailey's Physics.....Heath  
Guides for Teaching.....  
Rick's Natural His.....

Rice's Teaching.....Heath  
Spear's Leaves and  
Flowers.....  
Scott's Nature Study.....  
Miller's Birds.....Houghton  
Burrough's Squirrels.....  
Eckstorm's Woodpeckers.....  
Story of the Ages.....Johnson  
Some Birds and Their Ways.....  
Stories of Bird Life.....  
Lessons in Plant Life.....  
Beddard's Zoology.....Longmans  
Nature's Byways.....Morse  
Engell's Outlines in Nature  
Normal Course.....Silver  
Norcross's Springtime  
Flowers.....  
Griffin's Philosophy.....Sower

## ORATORY.

Smith's Reading and  
Speaking.....Heath  
Webster's Bunker  
Hill.....Longmans  
Briefs for Debate.....  
Follett's Speaker.....  
Espenshade's Forensic  
Declamation.....Silver

## PEDAGOGICS.

Hewitt's.....American  
White Ele. of.....  
Roark's.....  
Hallmann's.....  
" Sch. Management.....  
Compayne's His. of.....Heath  
Heath's Pedagogical Lib  
Hall's How to Teach  
History.....  
Barnett's Teaching and  
Organisation.....Longmans  
Garlick's Manual of  
Methods.....  
Beale's Work & Play.....  
Salmon's Art of Teach.....  
Barnett Common Ser. in  
Am. Teacher Series.....  
Landon's Class Management  
.....Macmillan  
Herbert's.....Scribner  
Butler's.....  
Arnold's Waymarks.....Silver  
Smith's Systematic  
Methodology.....  
Morgan's Studies.....  
Putnam's Manual.....

## PENMANSHIP.

Barnes' Vertical.....American  
Spencerian Series.....  
Curtis' Semi-Vertical.....  
American Vertical.....  
Sheldon's Vertical.....Butler  
Butler's Copy Books.....  
Roudebush Writing.....Central  
Shaylor's Vertical.....Ginn  
Ginn's Slant.....  
Natural System of Ver-  
tical.....Heath  
Newland & Rowe's Ver.  
Smithdeal's Slant.....Johnson  
Johnson's Vertical.....  
Williams & Tilford Bus.  
System.....  
Paragon.....Krone  
Longman's New Copy  
Books.....Longmans  
Merrill's Vertical.....Maynard  
Merrill's Modern.....  
Intermediate System.....Morse  
Economic System of  
Penmanship, 6 Nos.....Potter  
Potter & Putnam's Sys-  
tem of Vertical Writ-  
ing, 10 Nos.....  
Man. Business Writ.....Powers  
Smith's Intermediate.....Richardson  
Standard Vertical.....Sower  
Popular Slant.....  
Normal System.....Silver  
Duntonian.....Thompson  
University Series.....University  
Simplified Penmanship.....  
Rational System Vert.....Werner

## PHYSICS.

Harrington's.....American  
Hoadley's.....  
Rowland & Ames.....  
Ames & Bliss.....  
Cooley's Series.....  
Henderson & Woodhull.....Appleton  
Avery's.....Butler  
Gage's Series.....Ginn  
Wentworth & Hill's.....  
Stone's.....  
Dolbear's.....  
Hastings & Beach's.....  
Chute's Lab. Man.....Heath  
" Physics.....

Whiting's Physical  
Measurement.....Heath  
Bailey's Ele. Physics.....  
Sharpless & Phillips.....Lippincott  
Hopkins' Prep.....Longmans  
Watson's Practical.....  
Wright's.....  
Glazebrook & Shaw's  
Practical.....  
Watson's Advanced.....Macmillan  
Nichols'.....  
Balfour-Stewart's.....Maynard  
Shaw's.....  
Smith's Experiments.....Morse  
Thwing's Elementary.....Sanborn  
Britton's.....Scribner  
Grant's.....  
Dana's.....  
Mills'.....  
Storer's.....  
Thompson's.....  
Mead's Elements.....Silver  
Grifford's Elements.....Thompson  
Adams' Lab. Man.....Werner

## PHYSICAL CULTURE.

Morris' System.....American  
Stonerod's.....Heath  
Fray's Motion Songs.....  
Bancroft's Gymn.....  
Johnson's.....Johnson  
Anderson's.....Maynard  
The Ling System.....Silver

## PHYSIOLOGY AND HY- GIENE.

Overton's Series.....American  
Smith's Primer.....  
Kellogg's Series.....  
Union Series.....Butler  
The Teacher's Manual.....Central  
Blaisdell's Series.....Ginn  
Caiten's.....Heath  
" Briefer.....Heath  
Cutler's Series.....Lippincott  
Barnett's Making of the  
Body.....Longmans  
Ferneaux's Phys.....  
Thornton's Phys.....  
Moore's Phys.....  
Foster & Shors.....Macmillan  
Huxley & Bee.....  
Devine's.....  
Ely's Outlines.....  
Hutchinson's Series.....Maynard  
Standard School.....Morse  
Stowell's Health Series.....Silver  
Gifford's Elementary.....Thompson  
Dunlop's.....Werner  
Baldwin's Physiologies.....

## POLITICAL ECONOMY.

Laughlin's.....American  
Gregory's.....  
Wayland's.....Butler  
Chapin's.....  
Wayland's Elements.....  
Thompson's.....Ginn  
Gide's.....Heath  
Davenport's.....Macmillan  
Macvane's.....Maynard  
Perry's Prin.....Scribner  
Woolsey's.....  
Bullock's Economics.....Silver  
Thurston's.....Scott  
Morse's.....Thompson

## READERS.

Baldwin's.....American  
Harper Series.....  
Swinton Series.....  
Barnes Series.....  
Appleton Series.....  
McGuffey Series.....  
New Education.....  
Sheldon's Series.....Butler  
New Franklin Series.....  
Progressive.....Butler  
Hazen's.....  
New American.....  
Monroe's New.....  
Cyr's Series.....Ginn  
Stickney's Series.....  
Finch's.....  
Summer's.....  
Strong's.....  
Classics for Children.....  
Heart of Oak.....Heath  
Bass'.....  
Fratt.....  
Johnson's.....Johnson  
Graded Classics.....  
Judson & Bender's.....Maynard  
Normal Series.....Silver  
Stepping Stones.....  
Rational Method.....  
New Normal.....Werner  
Columbian.....  
Taylor Series.....  
Werner Primer.....  
Pollard's.....Western

## SHORTHAND.

Hefley's Manual.....American  
Mason's Manual.....  
Barnes' Shorthand for  
High Sch.....A. J. Barnes  
Barnes' Shorthand Les-  
sons.....  
Barnes' Shorthand Read-  
ers.....  
Barnes' Manual.....  
" Business Letters  
in Shorthand.....  
Twentieth Century Series  
Isaac Pitman's Complete  
Instructor.....Pitman  
Complete.....Amannensis  
Course for High Sch.....  
Business Correspondence  
in Shorthand.....  
Isaac Pitman's Phono-  
graphic Dictionary.....  
Munson Phonography.....Powers  
Pitman Phonography.....  
Cross' Eclectic.....Scott

## SPANISH.

Bacon's Elements.....American  
Garner's Grammar.....  
Mantilla's Readers.....  
Worman's Readers.....  
Twentieth Century Series  
.....Appleton  
DeTornos.....  
Knapp's Grammar.....Ginn  
Int. Mod. Language.....  
Cyr's Libro Primer.....  
" Libro Segundo.....  
Tarbell's Lessons.....  
Fry's Geografia Ele.....  
Grammar.....Pitman  
Pitman's Pract. Spanish.....  
Loiseux's Grammar.....Silver  
Loiseux's Reader.....  
Ford's Anthology.....  
Knodach's Span. Simp.  
.....University

## SPELLERS.

Rice's Series.....American  
Harrington's.....  
Natural.....  
New American.....  
Swinton's.....  
Amer. Word Book.....  
Amer. Spelling Blank.....  
Barnes' Writing.....  
Dinsmore's Blanks.....  
Manson's Blanks.....  
Modern.....Butler  
Worcester's.....  
Monroe's.....  
Hazen Grade.....Ginn  
Jacobs' Practical.....  
Jacobs & Piper's.....  
Stickney's.....  
Sever's.....Heath  
Penniman's New Pract.....  
Benson's.....  
Branson.....Johnson  
Read-Word Lessons.....Maynard  
Morse Speller.....Morse  
Gem Spelling Blanks.....Peckham  
Classic Speller, 3 Nos.....Potter  
Student's Standard  
Speller.....  
The Practical.....Powers  
Spalding & Moore's.....Richardson  
Normal Course.....Silver  
Beitel's Word Build.....Sower  
Student's.....Scott  
Holmes' Elementary.....University  
Hansell's Primary.....  
Lippincott's.....  
Columbian.....Werner  
Buckwalter Series.....  
Pollard's.....Western  
Woodward's.....Woodward

## TYPEWRITING.

Complete Instr.....A. J. Barnes  
Special Instructor.....  
Abridged Instructor.....  
Van Sante Touch.....Pitman  
Bunk's Easy.....Sadler  
" Touch.....

## ZOOLOGY.

Burnet's.....American  
Holder's Elementary.....  
More's First Book in.....  
Steele's Series.....  
Needham's.....  
Orton's.....  
Animal Forms.....Appleton  
Animal Life.....  
Johannes's Series.....Butler  
Colton's.....Heath  
Greene's.....Lippincott  
Beddard's.....Longmans  
Davenport's.....Macmillan  
Parker & Haswell's.....  
Harvey's.....Western

## The Southern Educational Association.

The Southern Educational Association held a convention at Chattanooga, Tenn., on July 1st to 4th. The program consisted of interesting lectures, educational talks and discussions.

Leading educators from nearly all the Southern states were present. However, in point of numbers the meeting was somewhat disappointing to the friends and promoters of the convention. Apart from this it proved a very successful gathering. The membership of the association includes heads of colleges and universities in the South, superintendents, principals and teachers.

The association aims to study in a practical, systematic way the school problems of the South and to discuss them freely with a view to reme-

dying some of the defects now existing. In a word, the Southern Educational Association is devoted to the intelligent emancipation of the South and to removing the curse of illiteracy now hanging over it.

The leaders of the movement are entitled to every encouragement for putting forth earnest, intelligent efforts at considerable cost of time and labor to themselves to solve the educational problems now facing the South. The officers elected are:

President—Col. J. W. Nicholson, of the Louisiana State University.

Vice President—W. N. Sheats, state superintendent of Florida.

Treasurer—M. M. Ross, president of West Virginia State Normal School.

Secretary—Frank M. Smith, ex-state superintendent of public instruction, state of Tennessee.

## School Board Convention.

Chandler, O. T.—The county superintendent of Lincoln county called a convention of school board members, held in this city on June 28.

The program had been well planned, and proved interesting as well as instructive. Among the subjects discussed were the following:

- What shall we do with our large schools?
- What constitutes a good school board?
- Is consolidation of districts advisable?
- Who is the cheap teacher?
- Influence of neat school houses and surroundings.





**THE N. E. A. CELEBRITIES AS SEEN THROUGH THE EYES OF THE MINNEAPOLIS CARTOONIST.**

## Text Book News.

A prominent bookman recently said: "A careful calculation shows that the Werner Arithmetics have been introduced during the past five years into more schools than all other arithmetics combined, and that during the past year they have been introduced into five times as many schools as all other arithmetics combined. They won a great victory in Utah; also in Salt Lake City, Ogden, Logan, etc."

"The Sunbonnet Babies' Primer," by Eulalie Osgood Grover. With eighty-six illustrations by Bertha L. Corbett, printed in four colors. Cloth, 110 pages; for introduction, 40 cents. Rand, McNally & Company, Chicago, New York, London.

It was inevitable that Miss Corbett's "Sunbonnet Babies," which have traveled from one end of the country to the other, should find their way at last into the pages of a book. And best of all, it is a school book in which they appear. We seem to think that anything is good enough for a Primary Reader so long as the reading matter is in one-line sentences. We buy beautiful books full of clever drawings, simple verses, and dramatic stories for our children in the home; but a poorly printed reader, with all sorts of illustrations, by all sorts of artists, with one-page lessons which have no connection with each other, and the whole as devoid of individuality or artistic and literary unity as a scrap-book, has been good enough for our children to pore over by the hour in school. And yet we expect the children to be interested!



"The Sunbonnet Babies' Primer," which has just been published by Rand, McNally & Company of Chicago and New York, changes all this. Here is a school book with the text made up of a *continued story*, with the two heroines Molly and May, always on the scene. There are eleven chapters in the Primer, and the lesson on each page is complete in itself, but the continued story is there to lure the reader on. Many of

the lessons are cast in dialogue form as an aid to dramatic reading, and there is an average of only three new words to the page. The eighty-six illustrations are by Miss Bertha L. Corbett, the "Mother of the Sunbonnet Babies," and they are all printed in four colors in the flat poster style. The book is as attractive as any of the expensive holiday books for children, and yet sells for only 40 cents. If this book is a prophecy of what future school books are to be, the question of regular attendance is already solved. We are not surprised to hear that the first edition was exhausted within two weeks of publication.

## An Eminent Chemist and His Work.

Few chemists are better or more favorably known than Professor G. S. Newth of the Royal College of Science, London, not only in America but in Europe. As an author of some of the most successful text-books on chemistry Prof. Newth has become to be looked upon as an educator of high rank. His books are now too well known and too thoroughly approved to need any commendation at this time.

"A Text-Book of Inorganic Chemistry" was one of his first books, and upon its publication a few years ago at once established itself as one of the most acceptable text-books in the English language. The book has since passed through many editions, and is to-day used in many of the best colleges and universities in the world.

This college text-book was followed by "An

Elementary Chemistry," which was designed for high schools and has established itself as one of the most popular books for this purpose. Prof. Newth devotes perhaps a little more attention to the quantitative side of chemistry than most authors, and in this respect has been especially successful.

Another successful and popular book by Prof. Newth is his latest text-book, "Chemical Analysis: Quantitative and Qualitative." This book as well as the author's other books is written to meet the modern and practical methods of science teaching which are being universally recognized and adopted in the best institutions. For the teacher of chemistry few books have been prepared which are so helpful as Prof. Newth's "Chemical Lecture Experiments," a new and revised edition of which has lately been published by Messrs. Longmans, Green & Co., who are Prof. Newth's publishers. Not only for the student in the lecture room is this book valuable, but also for the many who have not the advantage of college demonstration and who are compelled to rely upon their own resources.

## JUST THINK.

You Can Think When the Food Makes Your Brain Work.

The mind does not work properly unless the right kind of food is furnished. A young man studying telegraphy said that his progress was very slow. It seemed impossible for him to pick up the art and understand it.

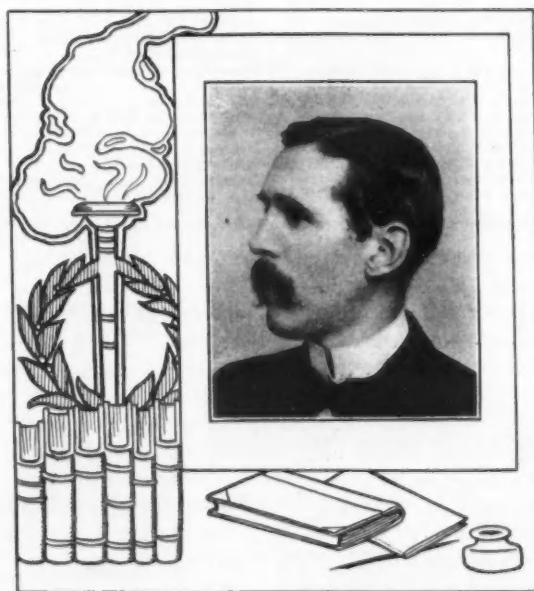
He suffered continually with stomach trouble and could not digest his food properly, and he finally got so he could do but little work and was tempted to give up his studies altogether.

About that time some one told him about the brain food Grape-Nuts and he went in for it. In a short time a very remarkable change took place. His stomach recovered and he became free from headaches. His hand was no longer nervous and trembling when he used the key, and the whole mystery of telegraphy untangled itself, for, as he says, "I had the mental power to master it, and the understanding came easy when the mind was in poise and strong."

He is now holding a responsible position as an operator.

This is but one of the many illustrations of the advantage of using food purposely manufactured for rebuilding the broken down gray matter in the brain and nerve centers throughout the body. The facts are there and can be proven to anyone making the trial.

Don't overlook the recipe book in each package of Grape-Nuts.

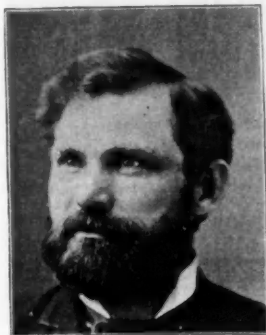


G. S. NEWTH,  
Professor of Chemistry,  
Royal College, South Kensington, England.



## Dr. Beardshear Dead.

Dr. William M. Beardshear, president of the Iowa State Agricultural college at Ames, died Aug. 5, as the result of nervous prostration with which he was overcome while attending the meeting of the National Educational association at Minneapolis a month ago. Dr. Beardshear was president of the association.



Dr. W. M. Beardshear.

Dr. Beardshear was one of the foremost educators in Iowa. Prior to assuming the presidency of the State Agricultural college ten years ago, he was superintendent of schools for West Des Moines. Before that he had been president of Western college at Tama, Ia.

Dr. Beardshear was born at Dayton, O., Nov. 7, 1850, and was educated at Otterbein university, Ohio, and later took special studies at Yale.

## Progress in Consolidation of Rural Schools.

(Concluded from Page 6.)

It is manifest that in those states where similar conditions prevail consolidation must be encouraged by easy steps, arousing as little antagonism as possible. Only to an inconsiderable extent will they establish township schools. Minnesota has had a permissive township law for seven years and yet not more than one or two township schools have been organized under it.

From one short year to another we may not be able to discern great educational progress in our rural communities, and yet if we measure educational progress during the last decade or quarter of a century, must we not conclude that we have advanced almost by leaps and bounds? Enrolled in the cause of popular education we

have by no means enrolled in a lost cause. In our country there can be but one answer to every great question confronting us, and that ultimately the right answer. The American educator, co-operating with intelligent patriotism and public spirit, will ultimately realize the most effective system of school organization and administration that in our country a race of physical, intellectual and moral giants shall be reared.

## Bookmen at the N. E. A.

(Concluded from Page 16.)

Globe School Book Co.: A. H. Porter, Lake Mills, Wis.

D. C. Heath & Co.: C. H. Ames, Manager Boston; L. D. Vose, K. H. Goodwin, Chicago; Isaac Peterson, Minneapolis; R. N. Pemberton, Topeka, Kans.; E. G. Lyle, St. Louis, Mo.; Daniel Miller, Des Moines, Ia.

Houghton, Mifflin & Co.: W. E. Bloomfield, Chicago; F. O. Willard, Marshalltown, Ia.

Longmans, Green & Co.: F. O. Perkins, Chicago.

Maynard, Merrill & Co.: E. C. Merrill, New York; J. D. Williams, Chicago; B. S. Lobdell, Janesville, Wis.

G. & C. Merriam Co.: K. N. Washburn, Springfield, Mass.; Maj. A. J. Cheney, Chicago.

The Macmillan Company: Manager H. H. Tittsworth, A. E. Chapman, F. F. Hummell, Chicago; Otto Focht, Omaha, Neb.; D. C. O'Connor, Lincoln, Neb.; C. E. Schmitz, Minneapolis.

The Morse Company: L. E. Loveridge, Chicago.

Newson & Company: H. D. Newson, manager, New York; W. S. Sheaver, Chicago.

Prang Educational Co.: W. E. Cochrane, New York; Wm. S. Mack, Richard Hardy, Chicago.

Rand, McNally & Co.: Manager C. F. Newkirk, E. O. Grover, L. G. Newby, Chicago; J. F. Wilson, Appleton, Wis.; W. A. McCord, Des Moines, Ia.; Frank J. Sessions, Waterloo, Ia.

Sadler-Rowe Co.: H. M. Rowe, Baltimore, Md.

Silver, Burdett & Co.: Manager F. D. Farr, Chicago; F. W. Arbury, Detroit, Mich.; Man-

ager W. H. Ducker, New York; C. H. Congdon, George Wells, Minneapolis; Wm. M. Hatch, Haveland Stevenson, Boston; E. L. Jones, Indianapolis; W. H. Maddock, Des Moines, Ia.; Jarrett W. Davis, Columbus, O.; Col. C. A. Johnson, Minneapolis; J. F. McCullough, J. K. Clark, Carver, Minn.

Scott, Foresman & Co.: B. D. Berry, Hugh H. Foresman, A. W. Hobson, Chicago.

Charles Scribner's Sons: H. C. Cheney, New York; T. C. Ham, B. C. Taylor, Chicago.

Werner School Book Co.; Mr. W. J. Button, J. C. Thomas, Chicago; Chas. H. Pugh, Denver, Colo.; S. S. Beggs, Lansing, Mich.

Wheeler & Company: W. H. Wheeler, W. C. Fidler, E. E. Wheeler, Chicago.

University Publishing Co.: Henry T. Dawson, New York.

The school board in the following cities have recently adopted the Milwaukee Sanitary Floor Brush for use in the schools: Santa Barbara, Cal.; Denver, Colo.; West Hartford, Conn.; Dover, Del.; Albion, Wallace, Idaho; Astoria, Bement, Colfax, Dundee, Evanston, Kimmundy, Lewiston, Rushville, Ill.; Bussey, Cresco, Davenport, Farmington, Simpson College, Indianola, Perry, Ia.; Paolo, Kas.; Catholic School and South University, New Orleans, La.; Bellingham, North Adams, Mass.; Fairfax, Faribault, Gibbon, Minn.; Natchez, Miss.; Independence, Mo.; Mauricetown, Plainfield, N. J.; Salem, Ore.; Denver, Scranton Correspondence Schools, Scranton, Pa.; Plano, San Antonio, Tex.; Spokane, Tacoma, Whatcom, Wash.

Oakland, Cal. The board adopted the Eagle pencils and penholders.

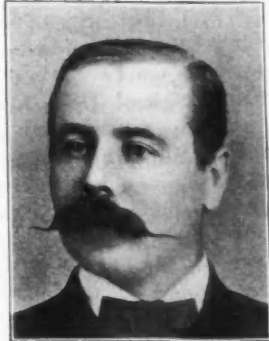
Colorado Springs, Col. The Eagle pencil was adopted by the Board of Education.

## Appointments and Elections.

St. Paul: Oscar E. Holman, President; J. P. Healy, Secretary; J. A. Smith, Superintendent; Otto Brener, Treasurer; E. P. Bassford, Wm. H. Egan, Dr. Christian Fry, Professor Chas. A. Fischer, Octave Savard, E. O. Zimmerman.



J. E. CHRISTMAN,  
Pottstown, Pa.



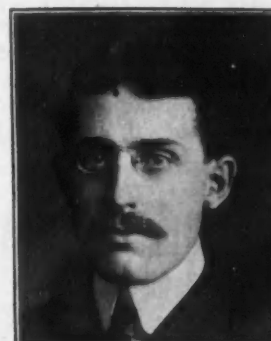
A. S. KLEIN,  
Ephratah Pa.



C. H. ROBERTSON,  
Manager, Philadelphia.



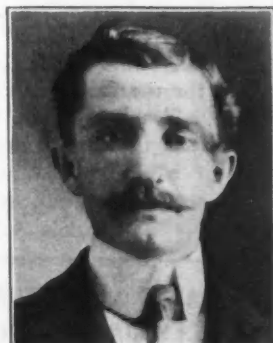
HARRY C. MYERS,  
Brookfield, Mo.



W. E. CAMPBELL,  
Brooklyn, N. Y.



ED. S. HAWKINS,  
East Rochester, O.



B. H. RHINESMITH,  
Ridgeway, Pa.



G. W. HOFFMAN,  
Gibsonburg, O.



MILO H. MILLER,  
Pittsburg, Pa.



A. T. VON SCHULZ,  
Baltimore, Md.

REPRESENTATIVES OF THE J. B. LIPPINCOTT CO., PHILADELPHIA.

## A Cooling TONIC

Horsford's Acid Phosphate quenches abnormal thirst, repairs weak nerves, improves appetite, promotes digestion, clears the brain, overcomes exhaustion, and increases the capacity for hard mental and physical labor. Insist on having

**Horsford's Acid Phosphate**

Horsford's name on every GENUINE package.

The teacher was trying to help the boy. Now, come, Johnnie, she said, which is greater, two-thirds or three-quarters?

The boy did not know.

Oh, yes, you do, said the teacher hopefully. Which would you rather have, three-quarters of an apple or two-thirds of an apple?

Two-thirds, said the boy on a guess.

Oh, no, said the teacher hopelessly, why, two-thirds is less than three-quarters.

I know it, said the boy promptly, but I don't like apples.

### Expert Testimony.

Do you think, she asked the rich old widower, that it is possible for one to be a gentleman without a college education?

Well, I guess so, he answered. Me and my three brothers have more money than any other forty men that ever come out of our country, and there ain't none of us that ever seen the inside of a college.

### He had the General Idea.

What is the first law of nature? asked the teacher.

Knockin' the other fellow down before he gets his coat off, answered little Edward.



Schoolmarm (just married)—The table ought to change with the four seasons, spring, summer, autumn and winter.

Cook—But, have the four seasons all the time! pepper, vinegar, salt and mustard?

Un mendiant comparait en police correctionnelle sous la prevention de delit pour vagabondage.

—Alors, lui dit le president, vous ne faites rien?

—Pardon! pardon! je fais l'aveugle.

Après le cirque.

—Eh bien, Yvonne, était-ce jolice la pantomime?

—Oui, maman, mais aucun acteur ne savait son rôle. Ils n'ont pas dit un mot de toute la pièce.

### Not Without Resources.

A well-known school supply agent in the southwest gives the following account of his last quarter's operations: Traveled 3,964 miles; carried four trunks; shown goods 116 times; sold goods 96 times; been asked the news 5,061 times; told the news 2,210 times; lied about it 2,160 times; did not know 691 times; been asked to drink 1,861 times, drank 1,861 times; changed politics 46 times.

### An Educational Bill of Fare.

The Ohio schoolmasters are the humorists of America. They are real educators of a high order when professionally engaged. But when the hours of relaxation are on they relax with a vim and give themselves wholly to humor and good fellowship.

During the recent fifty-seventh annual meeting of the Ohio State Teachers' Association the officers secured control of the hotel bill of fare. When the guests sat down to evening dinner the menu card read as follows:

### EVENING DINNER 6:00 to 8:00.

Canape, Curceme  
Entrance Examination

Purée of Chicken, a la Reine Consomme, Xavier  
Long Branch Wafers

Young Onions Olives Radishes Stuffed Mangoes  
QUARTERLY PROMOTION

Fillet of Whitefish, Fine Herbs  
Cucumbers Pommies, Rouennaise

Boiled Corned Beef and Cabbage  
OVERCROWDED COURSES

Fricandeau of Veal, with Spinach  
ANOTHER SYLLABUS

Spaghetti, a l'italienne  
APPERCEPTION  
Macedoine of Fruit, en Croustades  
THE LATEST FAD

### ROMAN PUNCH

Roast Prime Ribs of Beef au Jus  
PHYSICAL CULTURE

Roast Chicken, Giblet Sauce  
CENTRALIZING THE RURAL DISTRICT

Mashed Potatoes New Potatoes in Cream  
Lima Beans Fried Egg Plant Boiled Rice

Lettuce and Tomatoes  
PRACTICAL ECONOMY

Apple Sago Pudding, Egg Sauce Apple Pie  
Squash Pie Jelly Cake Assorted Cakes  
Bavarian Cream PUBLIC KINDERGARTEN

### Chocolate Ice Cream

Fruits Nuts and Raisins Dates  
PSEUDO-PSYCHOLOGICAL RESEARCHES.

Cheese: McLaren's  
Cheese: American Bailey's Beaten Bisquit

RE-"VISED SPELL"(ING)

## SCHOOL CHILDREN

appreciate a good pencil, and therefore should always ask the storekeeper for

## Dixon's American Graphite Pencils.

They will not only be satisfied, but their teachers and parents pleased with their purchase and the work it does. Insist on DIXON'S and have the best. When not at dealer's mention this publication and send 16c. for samples worth double.

JOSEPH DIXON CRUCIBLE CO., Jersey City, N. J.



At a Ladies College. Lady Principal—"You are daily receiving letters from town; have you, perchance, formed an attachment?

Cook—No.

Principal—Then where do the letters come from?

Cook—I don't know myself; they are anonymous.

Principal—But you answer them every day.

Cook—Yes; but likewise anonymously.

### Philippine Islands' Schools.

School Desk Agent—Beg pardon for intruding, sir, but you are the superintendent of schools, are you not?

Superintendent—I am, sir. What can I do for you?

School Desk Agent—I would like to supply your schools with our patent hygienic seats.

Superintendent—No use for them. We use home-made sugar cane chairs.

### A Valuable Feature.

"No," said the father to the principal of the cooking school, "I don't believe I'll send my daughter to your institution. I expect to be able to provide for her so that she shall not have to work in the kitchen after she is married."

"That's all very nice," said the principal, "but the most important part of our curriculum is that which instructs the young ladies how to boss the cook, and to discharge her, if necessary."

At this the father immediately wrote a check for the full term's tuition.

Teacher—Now, Ethel, who wrote the "Elegy in a Country Churchyard?"

Ethel—Please, ma'am, it was Willie Sniff. I seen him goin' in the churchyard at recess, ma'am.

### JUST OUT

## TOWN LIFE IN ANCIENT ITALY

Edited by Dr. William E. Waters, New York University.

Price, Cloth, 75 cents. Paper, 40 cents. Sent Postpaid.

BENJ. H. SANBORN & CO.,  
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### Judson and Bender's GRADED LITERATURE READERS.

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# School Architecture..

BY EDMUND M. WHEELWRIGHT

A STANDARD WORK ON SCHOOLHOUSE DESIGNING AND PLANNING, IN WHICH EVERY ESSENTIAL DETAIL OF SCHOOLHOUSE CONSTRUCTION IS TREATED

## Every School Board Should Consult This Book Before Planning New Work

MR. WHEELWRIGHT is the acknowledged authority in this country on schoolhouse designing and planning. His book is the most complete treatise upon the subject which has ever been published. It has been unqualifiedly indorsed by the Educational Press of the country.

Primary, Grammar, High, Normal, Manual Training, and Mechanic Arts Schoolhouses treated in detail; also Heating, Ventilation and Sanitation, with a chapter on Specifications.

Price Delivered, \$5.00.

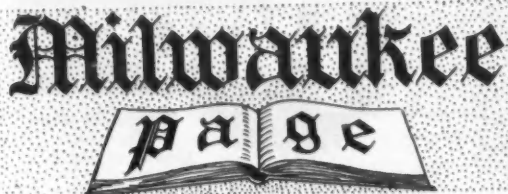
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PUBLISHERS

87 WATER STREET,

BOSTON, MASS.

OVER 250 ILLUSTRATIONS OF THE BEST TYPES OF MODERN SCHOOLHOUSES



"The School Board's Committee on Apointments," says a member of the committee, "is adhering strictly to the merit system. The members comprising the committee, at the outset of their work, decided that no favoritism would be shown teachers, who wanted advancement or preferment to the detriment of more deserving ones, who cannot boast of 'pull.'"

"In the matter of appointing Normal school graduates, those highly recommended, receive first consideration.

"The committee is of one mind not to permit personal friendship, long service, pecuniary condition, sympathy—each powerful in its appeal—to stand against the present and eternal welfare of the children."

Dr. C. L. Kissling is the chairman of the committee.

The teachers of the city are thoroughly in earnest in asking that an increase in salary be granted them. One of the teachers recently called upon a member of the School Board Committee on Finance and pleaded about as follows:

"It may never have occurred to the School Board members the many hours of faithful duty that the teachers perform during the school year, and the many trying ordeals which they experience. It takes a person of peculiar temperament to preside over a class of children. There are exasperating and aggravating matters continually arising and they are required to con-

stantly use diplomacy and self-control. The teachers are thoroughly devoted to their work; their duties are laborious and they should be generously paid for the many hours of vigil which they spend over future manhood and womanhood.

"At the head of the school system are men who constantly watch their work and are ever ready to point out any needed improvement or advancement. The School Board should recognize the worth of the teachers and take such action as would add a little to their yearly compensation, which would meet with warm appreciation on the part of the teachers and the result—better and more successful work in the school room. It should not be expected of the

teachers to bend every energy merely for the sake of their calling—the dollar would prove a mighty stimulant, they need it as much as any one else."

Well equipped and properly supervised public playgrounds are an actual necessity for the well-being and care of the children in a city such as Milwaukee. The recent innovation of such playgrounds in this city should receive the support of all good citizens.

"I hold," says a prominent member of the School Board, "that in all matters educational or professional, the superintendent should have the initiative. He should recommend teachers, text-books, and outline courses of study.

"The School Board must, however, have the right to adopt or reject. It must have the final voice, as it alone is directly responsible to the people. Every member of the board should thoroughly acquaint himself with the government and management, discipline and conduct of the schools, course of study, methods of teaching, and condition of the school houses and schools generally, in order to render the best of service."

Miss Addie Hickman, of the Seventeenth District school, is spending her vacation in the east, visiting her old home. She, undoubtedly, will have many interesting things to tell her pupils next year.

Principal Wm. Promberger went sight-seeing in the east during July. Among the principal cities at which he stopped were Philadelphia and Atlantic City.

Prof. Wm. H. Beach, of the East Division High school, is enjoying his vacation on his farm near Beloit, Wis. Last heard of him he was well and prosperous.



DR. CHAS. L. KISSLING,  
Chairman Committee Examination and Appointment of Teachers.



DIRECTOR JAMES T. DROUGHT,  
Chairman Committee on Free Lectures.

L. L. Summer, formerly superintendent of the department of drawing in the Milwaukee schools, has accepted a position in the Waupaca, Wis., schools.

Supt. H. O. R. Siefert was honored with a place on the Committee on Resolutions at the recent convention of the National Educational Association.

The school principals who attended the N. E. A. convention were: John Diederichsen, A. N. Fairchild, Thomas W. Boyce, Henry D. Hesse, Lindsay Webb, Emma Luebke, Anna Doerfler and Frances Walsh.

Miss Anna Doerfler, principal Eighth District Primary school No. 1, delivered an address on "The Ideal Teacher," before the Department of School Administration, of the National Educa-

tional Association, held at Minneapolis last month. She did herself proud, receiving most generous applause.

Miss Annette Rosenthal, a local teacher, was elected secretary of the National Federation of Grade Teachers, an organization which was formed at Minneapolis during the N. E. A. meeting.

Director H. H. Schwarting was a member of the Milwaukee Teachers' Association trip to Yellowstone Park. He says that he enjoyed himself immensely and that the teachers proved splendid traveling companions.

Milwaukee teachers en route to the N. E. A. meeting, held at Minneapolis last month, sang the following song, composed for the occasion:

We are bound to a convention  
Of the teachers of the land;  
In the ranks of educators  
We are proud that we can stand.

CHORUS.

Mil-i-ki-wau, ki-wau, ki-wau-kee;  
Mil-i-ki-wau-kee is our home;  
Mil-i-ki-wau, ki-wau, ki-wau-kee  
Is our cry when abroad we roam.

We are natives of Wisconsin,  
"The New England of the West,"  
And we're coming from the city  
That has nothing but the best.

Best of streets and best of teachers—  
You will find them centered here.  
Best of all you could desire,  
Even to the best of beer.

If you ever come to see us  
We will treat you out of sight,  
For whatever is undertaken  
In Milwaukee is done up right.

Now before we close our anthem  
We would like to give a cheer,  
So we'll sing again the chorus  
That we know you like to hear.

CHORUS.

Mil-i-ki-wau, ki-wau, ki-wau, ki-wau-kee;  
Mil-i-ki-wau-kee, Milwaukee!  
Mil-i-ki-wau, ki-wau, ki-wau, ki-wau-kee;  
Rah, rah, rah for Milwaukee!

## HUDSON RIVER BY DAYLIGHT

The Most Charming Inland Water Trip on  
the American Continent.

**The Palace Iron Steamers  
"NEW YORK" and "ALBANY"**  
of the Hudson River Day Line.

DAILY, EXCEPT SUNDAY.

Leave New York, Desbrosses Street, 8:40 A. M.  
New York, West 22d Street, N. R., 9:00 A. M.  
New York, West 129th Street, N. R., 9:15 A. M.  
Albany, Hamilton Street, 8:30 A. M.

**THE ATTRACTIVE ROUTE FOR SUMMER PLEAS-  
URE TRAVEL TO AND FROM**

The Thousand Islands and St Lawrence River,  
The Catskill Mountains,  
Saratoga and the Adirondacks,  
Hotel Champlain and the North,  
Niagara Falls and the West

TICKETS VIA DAY LINE ARE ON SALE  
AT ALL OFFICES.

A trip on one of these famous steamers on the noblest stream in the country offers rare attractions. They are fitted up in the most elegant style, exclusively for passengers. Their great speed, fine orchestras, spacious saloons, private parlors, and luxurious accommodations in every respect render them unexcelled. Handsomely appointed dining-rooms, with superior service, are on the main deck, affording an uninterrupted view of the magnificent scenery for which the Hudson is renowned.

THROUGH TICKETS sold to all points and baggage checked to destination.

Send 6 cents for copy of  
"Summer Excursion Book."

F. B. HIBBARD,  
Gen'l Passenger Agent,  
Desbrosses Street Pier, New York.

E. E. OLCOTT,  
Gen'l Manager.

## EVERY EFFORT.

Every effort put forth by the

**McDONALD  
BUSINESS INSTITUTE**

brings good results because WE AIM in the right direction.

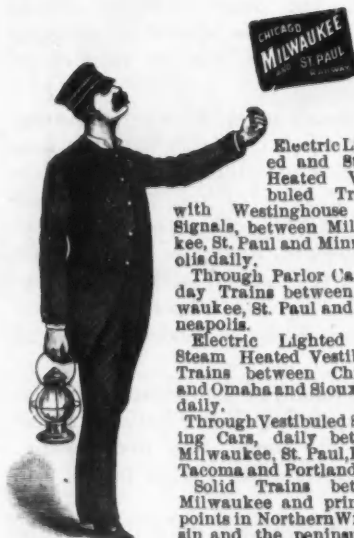
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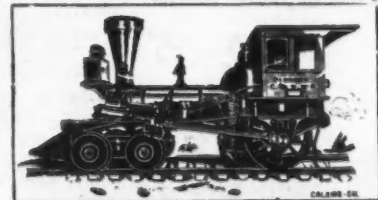
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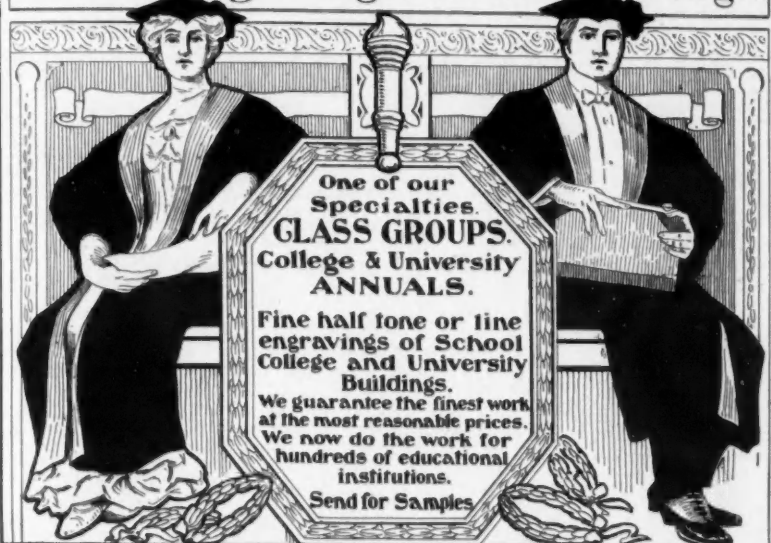
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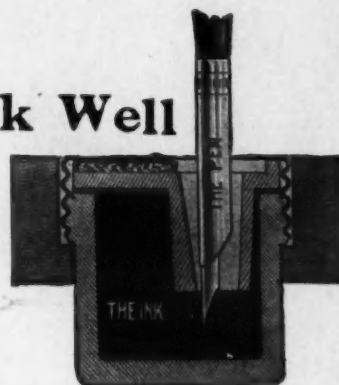
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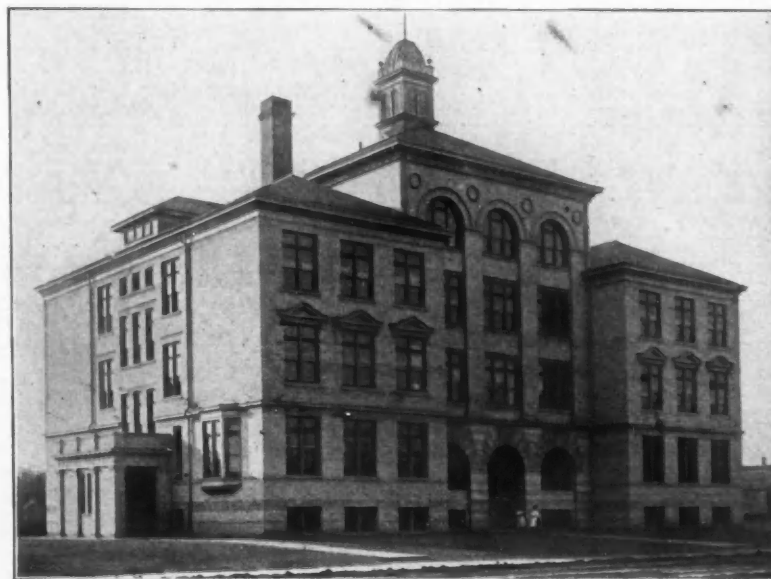
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